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10/760,407

(FILE 'HOME' ENTERED AT 14:05:42 ON 11 MAR 2005)

FILE 'MEDLINE, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH, HCAPLUS, NTIS, LIFESCI' ENTERED AT 14:06:16 ON 11 MAR 2005

L1 429546 S SERINE OR THREONINE
L2 1294681 S KINASE?
L3 106768 S L1 AND L2
L4 6967563 S CLON? OR EXPRESS? OR RECOMBINANT
L5 54756 S L3 AND L4
L6 2953627 S ANTIBOD? OR "FAB" OR "FV" OR "F(AB')2"
L7 6159 S L5 AND L6
L8 1933770 S NEROBLASTOMA OR CARCINOMA OR RHABDOMYOSARCOMA OR LYMPHOMA OR
L9 515 S L7 AND L8
L10 443 S HUMAN AND L9
L11 126 S L10 AND (BRAIN OR CERVIX OR PANCREAS OR COLON OR KIDNEY)
L12 104 DUP REM L11 (22 DUPLICATES REMOVED)
E YAN C/AU
L13 1108 S E3
E LI Z/AU
L14 9066 S E3
E NEELAM B/AU
L15 67 S E3-E5
E DIFRANCESCO V/AU
L16 117 S E3-E4
E BEASLEY E M/AU
L17 322 S E3
L18 10533 S L13 OR L14 OR L15 OR L16 OR L17
L19 3 S L10 AND L18
L20 3 DUP REM L19 (0 DUPLICATES REMOVED)
L21 7 S L18 AND L7
L22 6 DUP REM L21 (1 DUPLICATE REMOVED)

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NEWS	12	DEC 17	CERAB reloaded; updating to resume; current-awareness alerts (SDIs) affected
NEWS	13	DEC 17	THREE NEW FIELDS ADDED TO IFIPAT/IFIUDB/IFICDB
NEWS	14	DEC 30	EPFULL: New patent full text database to be available on STN
NEWS	15	DEC 30	CAPLUS - PATENT COVERAGE EXPANDED
NEWS	16	JAN 03	No connect-hour charges in EPFULL during January and February 2005
NEWS	17	FEB 25	CA/CAPLUS - Russian Agency for Patents and Trademarks (ROSPATENT) added to list of core patent offices covered
NEWS	18	FEB 10	STN Patent Forums to be held in March 2005
NEWS	19	FEB 16	STN User Update to be held in conjunction with the 229th ACS National Meeting on March 13, 2005
NEWS	20	FEB 28	PATDPAFULL - New display fields provide for legal status data from INPADOC
NEWS	21	FEB 28	BABS - Current-awareness alerts (SDIs) available
NEWS	22	FEB 28	MEDLINE/LMEDLINE reloaded
NEWS	23	MAR 02	GBFULL: New full-text patent database on STN
NEWS	24	MAR 03	REGISTRY/ZREGISTRY - Sequence annotations enhanced
NEWS	25	MAR 03	MEDLINE file segment of TOXCENTER reloaded
NEWS EXPRESS			JANUARY 10 CURRENT WINDOWS VERSION IS V7.01a, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 10 JANUARY 2005
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=> file medline embase biosis biotechds scisearch hcaplus ntis lifesci
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                                     ENTRY      SESSION
FULL ESTIMATED COST                0.21          0.21
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FILE 'HCAPLUS' ENTERED AT 14:06:16 ON 11 MAR 2005
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=> s serine or threonine
L1      429546 SERINE OR THREONINE
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=> s kinase?
L2      1294681 KINASE?
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=> s l1 and l2
L3      106768 L1 AND L2
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=> s clon? or express? or recombinant
<-----User Break----->
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SEARCH ENDED BY USER
SEARCH ENDED BY USER

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=> s clon? or express? or recombinant
  4 FILES SEARCHED...
L4      6967563 CLON? OR EXPRESS? OR RECOMBINANT
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=> s l3 and l4
L5      54756 L3 AND L4
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=> s antibod? or "Fab" or "Fv" or "F(ab')2
MISMATCHED QUOTE 'OR "F'
Quotation marks (or apostrophes) must be used in pairs,
one before and one after the expression you are setting
off or masking.
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=> s antibod? or "Fab" or "Fv" or "F(ab')2"
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L6 2953627 ANTIBOD? OR "FAB" OR "FV" OR "F(AB')2"

=> s l5 and l6

L7 6159 L5 AND L6

=> s neuroblastoma or carcinoma or rhabdomyosarcoma or lymphoma or choricc carcinoma
L8 1933770 NEROBLASTOMA OR CARCINOMA OR RHABDOMYOSARCOMA OR LYMPHOMA OR
CHORICCARCINOMA

=> s l7 and l8

L9 515 L7 AND L8

=> s human and l9

2 FILES SEARCHED...

L10 443 HUMAN AND L9

=> s brain or cervix or pancreas or colon or kidney

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=> s l10 and (brain or cervix or pancreas or colon or kidney)

L11 126 L10 AND (BRAIN OR CERVIX OR PANCREAS OR COLON OR KIDNEY)

=> dup rem l11

PROCESSING COMPLETED FOR L11

L12 104 DUP REM L11 (22 DUPLICATES REMOVED)

=> d 1-104 ibib

L12 ANSWER 1 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2005:141260 HCAPLUS

DOCUMENT NUMBER: 142:216625

TITLE: Gene **expression** profiles associated with
responses to neuropathic pain and their diagnostic and
therapeutic uses

INVENTOR(S): Tong, Jiefei; Jin, Gang; Ji, Rui-Ru; Xu, Yixun;
Chiang, Lillian W.; Lavery, Daniel J.

PATENT ASSIGNEE(S): Euro-Celtique, S. A., Luxembourg

SOURCE: PCT Int. Appl., 173 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005014849	A2	20050217	WO 2004-US23166	20040706
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRIORITY APPLN. INFO.: US 2003-485101P P 20030703

L12 ANSWER 2 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2005:121193 HCAPLUS

DOCUMENT NUMBER: 142:214836

TITLE: Biomarkers of cyclin-dependent **kinase**
modulation in cancer therapy

INVENTOR(S) : Li, Martha; Rupnow, Brent A.; Webster, Kevin R.;
 Jackson, Donald G.; Wong, Tai W.
 PATENT ASSIGNEE(S) : Bristol-Myers Squibb Company, USA
 SOURCE: PCT Int. Appl., 141 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005012875	A2	20050210	WO 2004-US24424	20040729
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRIORITY APPLN. INFO.: US 2003-490890P P 20030729

L12 ANSWER 3 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2005:34707 HCAPLUS

DOCUMENT NUMBER: 142:128580

TITLE: Prognosis determination in Ewing sarcoma patients by
 genetic profiling

INVENTOR(S): Avigad, Smadar; Yaniv, Isaac; Zaizov, Rina; Ohali,
 Anat

PATENT ASSIGNEE(S): Mor Research Applications Ltd., Israel

SOURCE: PCT Int. Appl., 58 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005002414	A2	20050113	WO 2004-IL578	20040630
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRIORITY APPLN. INFO.: US 2003-483626P P 20030701

L12 ANSWER 4 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2005:101983 HCAPLUS

Correction of: 2005:14607

DOCUMENT NUMBER: 142:171158

Correction of: 142:87734

TITLE: Gene **expression** that correlated with breast
 cancer recurrence and patient survival, and diagnostic
 and therapeutic uses thereof

INVENTOR(S): Erlander, Mark G.; Ma, Xiao-Jun; Wang, Wei; Wittliff,
 James L.

PATENT ASSIGNEE(S): Arcturus Bioscience, Inc., USA

SOURCE: PCT Int. Appl., 53 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005001138	A2	20050106	WO 2004-US19451	20040618
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
PRIORITY APPLN. INFO.:			US 2003-479963P US 2004-545810P	P 20030618 P 20040218

L12 ANSWER 5 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2005:14535 HCAPLUS
DOCUMENT NUMBER: 142:111832
TITLE: **Human serine** proteinase inhibitor,
clade E, member 2 (SERPINE2) gene **expression**
as prognostic marker in colorectal cancer
INVENTOR(S): Rowe, Michael W.; Moler, Edward J.; Randazzo, Filippo
PATENT ASSIGNEE(S): Chiron Corporation, USA
SOURCE: PCT Int. Appl., 89 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005001046	A2	20050106	WO 2004-US17408	20040603
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
PRIORITY APPLN. INFO.:			US 2003-475872P	P 20030603

L12 ANSWER 6 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2005:14242 HCAPLUS
DOCUMENT NUMBER: 142:90543
TITLE: Gene **expression** profile useful for diagnosis
and treatment methods related to aging of liver
INVENTOR(S): Kopchick, John J.; Kelder, Bruce; Boyce, Keith S.;
Kriete, Andres
PATENT ASSIGNEE(S): Ohio University, USA
SOURCE: PCT Int. Appl., 459 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005000335	A2	20050106	WO 2004-US17322	20040602
WO 2005000335	A3	20050203		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
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PRIORITY APPLN. INFO.: US 2003-474606P P 20030602

L12 ANSWER 7 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2005:33225 HCAPLUS
DOCUMENT NUMBER: 142:112460
TITLE: Monoclonal **antibodies** to fragment of **human** mitotic **kinase** Aurora-A phosphorylated at **threonine** 288, preparation, and use in cancer therapy
INVENTOR(S): Urano, Takeshi; Furukawa, Koichi
PATENT ASSIGNEE(S): Farma Design Inc., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 16 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2005006532	A2	20050113	JP 2003-172730	20030618
PRIORITY APPLN. INFO.:			JP 2003-172730	20030618

L12 ANSWER 8 OF 104 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation on STN
ACCESSION NUMBER: 2005:115195 SCISEARCH
THE GENUINE ARTICLE: 890QE
TITLE: Dual role of transforming growth factor beta in mammary tumorigenesis and metastatic progression
AUTHOR: Muraoka-Cook R S; Dumont N; Arteaga C L (Reprint)
CORPORATE SOURCE: Vanderbilt Univ, Med Ctr, Div Oncol, Sch Med, Dept Med, 2220 Pierce Ave, 777 PRB, Nashville, TN 37232 USA (Reprint); Vanderbilt Univ, Med Ctr, Div Oncol, Sch Med, Dept Med, Nashville, TN 37232 USA; Vanderbilt Univ, Med Ctr, Div Oncol, Sch Med, Dept Canc Biol, Nashville, TN 37232 USA; Vanderbilt Ingram Comprehens Canc Ctr, Breast Canc Res Program, Nashville, TN USA
COUNTRY OF AUTHOR: USA
SOURCE: CLINICAL CANCER RESEARCH, (15 JAN 2005) Vol. 11, No. 2, Part 2, Supp. [S], pp. 937S-943S.
Publisher: AMER ASSOC CANCER RESEARCH, 615 CHESTNUT ST, 17TH FLOOR, PHILADELPHIA, PA 19106-4404 USA.
ISSN: 1078-0432.
DOCUMENT TYPE: Article; Journal
LANGUAGE: English
REFERENCE COUNT: 57
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L12 ANSWER 9 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 1
ACCESSION NUMBER: 2004:770679 HCAPLUS
DOCUMENT NUMBER: 141:236612

TITLE: Gene expression profiles for monitoring CCI-779 drug activity in vivo in renal cell carcinoma treatment
 INVENTOR(S): Burczynski, Michael; Twine, Natalie; Dorner, Andrew J.; Trepicchio, William L.
 PATENT ASSIGNEE(S): Wyeth, John, and Brother Ltd., USA
 SOURCE: PCT Int. Appl., 136 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 6
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004072265	A2	20040826	WO 2004-XA4118	20040211
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
WO 2004072265	A2	20040826	WO 2004-US4118	20040211
W:	AE, AE, AG, AL, AL, AM, AM, AM, AT, AT, AU, AZ, AZ, BA, BB, BG, BG, BR, BR, BW, BY, BY, BZ, BZ, CA, CH, CN, CN, CO, CO, CR, CR, CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG, ES, ES, FI, FI, GB, GD, GE, GE, GH, GM, HR, HR, HU, HU, ID, IL, IN, IS, JP, JP, KE, KE, KG, KG, KP, KP, KP, KR, KR, KZ, KZ, KZ, LC, LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN, MW, MX, MX, MZ, MZ, NA, NI			
RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
PRIORITY APPLN. INFO.:			US 2003-446133P	P 20030211
			US 2003-459782P	P 20030403
			US 2004-538246P	P 20040123
			WO 2004-US4118	A 20040211

L12 ANSWER 10 OF 104 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN

ACCESSION NUMBER: 2004-16759 BIOTECHDS

TITLE: Screening potential therapeutic compounds for cardiac therapeutic preparations, useful for treating heart failure in a subject, comprises contacting a sample of cell or tissue with a compound and detecting gene **expression** level

;

for use in cardiovascular disorder gene therapy

AUTHOR: BEDNARIK D P
 PATENT ASSIGNEE: ARTESIAN THERAPEUTICS INC
 PATENT INFO: WO 2004050894 17 Jun 2004
 APPLICATION INFO: WO 2003-US37927 26 Nov 2003
 PRIORITY INFO: US 2002-437102 31 Dec 2002; US 2002-429379 27 Nov 2002
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 OTHER SOURCE: WPI: 2004-450738 [42]

L12 ANSWER 11 OF 104 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN

ACCESSION NUMBER: 2004-10657 BIOTECHDS

TITLE: Detecting a cancer cell in a subject sample, also related to cancer treatments, comprises determining the level of nucleic acid that is linked to map position 8q22.3 of the **human** genome or its **expression** product; protein level determination and antisense sequence for use

in disease therapy and gene therapy
AUTHOR: WATTS C; SAUNDERS D; HENDERSON M; CLANCY J; HENSHALL S;
SUTHERLAND R; O'BRIEN P
PATENT ASSIGNEE: GARVAN INST MEDICAL RES
PATENT INFO: WO 2004022750 18 Mar 2004
APPLICATION INFO: WO 2003-AU1164 5 Sep 2003
PRIORITY INFO: US 2002-425218 7 Nov 2002; AU 2002-951346 5 Sep 2002
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2004-248472 [23]

L12 ANSWER 12 OF 104 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN

ACCESSION NUMBER: 2004-08465 BIOTECHDS

TITLE: Use of inhibitors of the **expressed** proteins or mRNA transcripts of TCF target genes whose **expression** is regulated by TCF/beta-catenin complexes, for preparing compositions treating cancers, e.g. colorectal cancer; involving vector-mediated gene transfer and **expression** in host cell for use in diagnosis and gene targeting

AUTHOR: CLEVERS J C; GOMEZ E B; VAN DE WETERING M L; SUILS E S
PATENT ASSIGNEE: KYLIX BV
PATENT INFO: US 2004005313 8 Jan 2004
APPLICATION INFO: US 2002-197619 16 Jul 2002
PRIORITY INFO: EP 2002-77711 8 Jul 2002; EP 2002-77711 8 Jul 2002
DOCUMENT TYPE: Patent
LANGUAGE: English

L12 ANSWER 13 OF 104 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN

ACCESSION NUMBER: 2004-12491 BIOTECHDS

TITLE: Diagnosing lung cancer by contacting sample comprising lung cells from subject with probe that hybridizes to nucleic acid having **human** bromo domain testis specific gene product cDNA sequence and determining hybridization; DNA probe and vector **expression** in host cell for use in disease diagnosis

AUTHOR: SCANLAN M J; GURE A; OLD L J; CHEN Y; WILLIAMSON B
PATENT ASSIGNEE: LUDWIG INST CANCER RES
PATENT INFO: US 6686147 3 Feb 2004
APPLICATION INFO: US 1999-392714 9 Sep 1999
PRIORITY INFO: US 1999-392714 9 Sep 1999; WO 1998-14679 15 Jul 1998
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2004-223796 [21]

L12 ANSWER 14 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:1127487 HCAPLUS

DOCUMENT NUMBER: 142:72870

TITLE: Gene **expression** profiles in airway epithelium and their use as signatures for diagnosing disorders of the lung

INVENTOR(S): Brody, Jerome S.; Spira, Avrum; Shah, Nila; Palma, John F.

PATENT ASSIGNEE(S): Trustees of Boston University, USA; Affymetrix, Inc.

SOURCE: PCT Int. Appl., 105 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004111197	A2	20041223	WO 2004-US18492	20040610
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,			

NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,
SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,
SN, TD, TG

PRIORITY APPLN. INFO.: US 2003-477218P P 20030610
US 2003-483387P P 20030627
US 2003-497599P P 20030825

L12 ANSWER 15 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:902134 HCAPLUS

DOCUMENT NUMBER: 141:375484

TITLE: Determining amplified and/or over-expressed
cancer-linked genes and therapeutic targets using
molecular cytogenetic methods

INVENTOR(S): Strovel, Jeffrey W.; Cain, Colyn B.; Horrigan, Steven
K.; Augustus, Meena

PATENT ASSIGNEE(S): Avalon Pharmaceuticals, Inc, USA

SOURCE: PCT Int. Appl., 92 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004091548	A2	20041028	WO 2004-US9289	20040415
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRIORITY APPLN. INFO.: US 2003-462895P P 20030415

L12 ANSWER 16 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:780813 HCAPLUS

DOCUMENT NUMBER: 141:290112

TITLE: Genes differentially expressed in
human mesenchymal stem cells as markers

INVENTOR(S): Kato, Yukio; Tsuji, Koichiro; Koike, Chika

PATENT ASSIGNEE(S): Japan Science and Technology Agency, Japan; Two Cells
Co. Ltd

SOURCE: PCT Int. Appl., 171 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004081174	A2	20040923	WO 2004-JP2457	20040227
WO 2004081174	A3	20041202		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			

RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,
 BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE,
 ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK,
 TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

JP 2004290189 A2 20041021 JP 2004-67037 20040310
 PRIORITY APPLN. INFO.: JP 2003-63077 A 20030310

L12 ANSWER 17 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:718744 HCAPLUS
 DOCUMENT NUMBER: 141:242025
 TITLE: Inflammation-associated genes and proteins for
 assessing transplant recipient's risk of delayed graft
 function, graft rejection and long-term prognosis
 INVENTOR(S): Strom, Terry B.; Libermann, Towia; Schachter, Asher
 PATENT ASSIGNEE(S): Beth Israel Deaconess Medical Center, Inc., USA
 SOURCE: PCT Int. Appl., 52 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074815	A2	20040902	WO 2004-US4839	20040217
WO 2004074815	A3	20050113		
W:	AE, AE, AG, AL, AL, AM, AM, AM, AT, AT, AU, AZ, AZ, BA, BB, BG, BG, BR, BR, BW, BY, BY, BZ, BZ, CA, CH, CN, CN, CO, CO, CR, CR, CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG, ES, ES, FI, FI, GB, GD, GE, GE, GH, GM, HR, HR, HU, HU, ID, IL, IN, IS, JP, JP, KE, KE, KG, KG, KP, KP, KR, KR, KZ, KZ, KZ, LC, LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN, MW, MX, MX, MZ, MZ, NA, NI			
RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRIORITY APPLN. INFO.: US 2003-447540P P 20030214

L12 ANSWER 18 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:633950 HCAPLUS
 DOCUMENT NUMBER: 141:169975
 TITLE: Purification, **cloning** and characterization
 of L-amino acid oxidase with cytotoxic activity from
 Aplysia punctata and use for the diagnosis and
 treatment of cancer
 INVENTOR(S): Butzke, Daniel; Goedert, Sigrid; Dittrich, Michael;
 Rudel, Thomas; Meyer, Thomas F.
 PATENT ASSIGNEE(S): Max-Planck-Gesellschaft Zur Foerderung Der
 Wissenschaften E.V., Germany
 SOURCE: PCT Int. Appl., 125 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004065415	A2	20040805	WO 2004-EP423	20040120
WO 2004065415	A3	20050120		
W:	AE, AE, AG, AL, AL, AM, AM, AM, AT, AT, AU, AZ, AZ, BA, BB, BG, BG, BR, BR, BW, BY, BY, BZ, BZ, CA, CH, CN, CN, CO, CO, CR, CR, CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG, ES, ES, FI, FI, GB, GD, GE, GE, GH, GM, HR, HR, HU, HU, ID, IL, IN, IS, JP, JP, KE, KE, KG, KG, KP, KP, KR, KR, KZ, KZ, KZ, LC, LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN, MW, MX, MX,			

MZ, MZ, NA, NI

PRIORITY APPLN. INFO.:

EP 2003-1232

A 20030120

EP 2003-26613

A 20031119

L12 ANSWER 19 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:515644 HCAPLUS

DOCUMENT NUMBER: 141:65052

TITLE: Methods for the identification, assessment, and treatment of patients with proteasome inhibition therapy

INVENTOR(S): Mulligan, George; Bryant, Barbara M.; Morrissey, Michael P.; Bolt, Andrew; Damokosh, Andrew I.

PATENT ASSIGNEE(S): Millennium Pharmaceuticals, Inc., USA

SOURCE: PCT Int. Appl., 178 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004053066	A2	20040624	WO 2003-US38539	20031204
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
US 2004156854	A1	20040812	US 2003-728055	20031204
PRIORITY APPLN. INFO.:			US 2002-431514P	P 20021206

L12 ANSWER 20 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:308529 HCAPLUS

DOCUMENT NUMBER: 140:333599

TITLE: Gene **expression** profile of human and mouse genes in atopic dermatitis and psoriasis patients and its use for diagnosis, therapy, and drug screening

INVENTOR(S): Itoh, Mikito; Ogawa, Kaoru; Shinagawa, Akira; Sudo, Hajime; Ogawa, Hideoki; Ra, Chisei; Mitsuishi, Kouichi

PATENT ASSIGNEE(S): Genox Research, Inc., Japan; Juntendo University

SOURCE: PCT Int. Appl., 611 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004031386	A1	20040415	WO 2003-JP9808	20030801
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
PRIORITY APPLN. INFO.:			JP 2002-229318	A 20020806
			JP 2003-136543	A 20030514

REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 21 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:162790 HCAPLUS

DOCUMENT NUMBER: 140:212096

TITLE: Brain endothelial cell gene
expression patterns, tumor-associated
brain endothelium markers, and diagnostic,
therapeutic and anti-cancer drug screening uses
thereof

INVENTOR(S): Madden, Stephen I.; Wang, Clarence J.; Cook, Brian P.;
Lattera, John; Walter, Kevin

PATENT ASSIGNEE(S): Genzyme Corporation, USA; The Johns Hopkins
University; Cook, Brian P

SOURCE: PCT Int. Appl., 114 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004016758	A2	20040226	WO 2003-US25614	20030815
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
PRIORITY APPLN. INFO.:			US 2002-403390P	P 20020815
			US 2003-458978P	P 20030401

L12 ANSWER 22 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:120760 HCAPLUS

DOCUMENT NUMBER: 140:193038

TITLE: Use of mouse genes involved in tumor development for
the development of anti-cancer drugs

INVENTOR(S): Van Lohuizen, Maarten Matthijs Sharif; Berns, Antonius
Jozef Maria; Martins, Carla Pedro; Mikkers, Henricus
Martinus Maria; Lenz, Jack Richard; Lund, Anders
Henrik; De Koning, John Paul

PATENT ASSIGNEE(S): Kylix B.V., Neth.

SOURCE: PCT Int. Appl., 280 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004012817	A2	20040212	WO 2003-EP8470	20030731
WO 2004012817	A3	20041028		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,			

BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
 EP 1386639 A1 20040204 EP 2002-78143 20020731
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK
 US 2004033974 A1 20040219 US 2002-224524 20020819
 PRIORITY APPLN. INFO.: EP 2002-78143 A 20020731
 US 2002-224524 A 20020819

L12 ANSWER 23 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:80714 HCAPLUS

DOCUMENT NUMBER: 140:141434

TITLE: **Human** protein sequences of protein complexes
 of cellular networks underlying the development of
 cancer and other diseases

INVENTOR(S): Merino, Alejandro; Bouwmeester, Tewis; Bauer, Andreas;
 Drewes, Gerard; Marzioch, Martina; Kruse, Ulrich;
 Superti-Furga, Giulio; Eberhard, Dirk; Ruffner, Heinz;
 Hobson, Scott; Helftenbein, Gerd; Cruciat, Cristina

PATENT ASSIGNEE(S): Cellzome Ag, Germany; et al.

SOURCE: PCT Int. Appl., 810 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004009622	A2	20040129	WO 2003-EP7835	20030718
WO 2004009622	A3	20040910		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
 CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
 GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
 LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM,
 PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN,
 TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
 KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,
 FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: EP 2002-16109 A 20020719
 EP 2002-16111 A 20020719
 EP 2002-16123 A 20020719
 EP 2002-16128 A 20020719
 EP 2002-16427 A 20020722

L12 ANSWER 24 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2005:60754 HCAPLUS

Correction of: 2004:1036571

ACCESSION NUMBER: 142:16836

TITLE: Sequences of **human** schizophrenia related
 genes and use for diagnosis, prognosis and therapy

INVENTOR(S): Liew, Choong-Chin

PATENT ASSIGNEE(S): Chondrogene Limited, Can.

SOURCE: U.S. Pat. Appl. Publ., 156 pp., Cont.-in-part of U.S.
 Ser. No. 802,875.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 39

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004241727	A1	20041202	US 2004-812731	20040330
US 2004014059	A1	20040122	US 2002-268730	20021009
US 2004248169	A1	20041209	US 2004-812737	20040330
US 2004265869	A1	20041230	US 2004-812716	20040330

WO 2004112589 A2 20041229 WO 2004-US20836 20040621

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
 CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
 GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
 LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
 NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
 TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
 AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
 EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,
 SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,
 SN, TD, TG

PRIORITY APPLN. INFO.: US 1999-115125P P 19990106
 US 2000-477148 B1 20000104
 US 2002-268730 A2 20021009
 US 2003-601518 A2 20030620
 US 2004-802875 A2 20040312
 US 2001-271955P P 20010228
 US 2001-275017P P 20010312
 US 2001-305340P P 20010713
 US 2002-85783 A2 20020228
 US 2004-809675 A 20040325

L12 ANSWER 25 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2005:53906 HCAPLUS

DOCUMENT NUMBER: 142:91056

TITLE: Central role of the **threonine** residue within
 the p+1 loop of receptor tyrosine **kinase** in
 STAT3 constitutive phosphorylation in metastatic
 cancer cells

AUTHOR(S): Yuan, Zheng-long; Guan, Ying-jie; Wang, Lijuan; Wei,
 Wenyi; Kane, Agnes B.; Chin, Y. Eugene

CORPORATE SOURCE: Departments of Pathology and Laboratory Medicine,
 Brown University School of Medicine/Rhode Island
 Hospital, Providence, RI, USA

SOURCE: Molecular and Cellular Biology (2004), 24(21),
 9390-9400
 CODEN: MCEBD4; ISSN: 0270-7306

PUBLISHER: American Society for Microbiology

DOCUMENT TYPE: Journal

LANGUAGE: English

REFERENCE COUNT: 39 THERE ARE 39 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 26 OF 104 MEDLINE on STN DUPLICATE 2

ACCESSION NUMBER: 2004052106 MEDLINE

DOCUMENT NUMBER: PubMed ID: 14722251

TITLE: Characterization of agonist stimulation of cAMP-dependent
 protein **kinase** and G protein-coupled receptor
 kinase phosphorylation of the beta2-adrenergic
 receptor using phosphoserine-specific **antibodies**.

AUTHOR: Tran Tuan M; Friedman Jackie; Qunaibi Eyad; Baameur Faiza;
 Moore Robert H; Clark Richard B

CORPORATE SOURCE: The University of Texas, Houston, Medical School, Houston,
 TX 77225, USA.

SOURCE: Molecular pharmacology, (2004 Jan) 65 (1) 196-206.
 Journal code: 0035623. ISSN: 0026-895X.

PUB. COUNTRY: United States

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals

ENTRY MONTH: 200402

ENTRY DATE: Entered STN: 20040203
 Last Updated on STN: 20040219
 Entered Medline: 20040218

L12 ANSWER 27 OF 104 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
 DUPLICATE 3

ACCESSION NUMBER: 2003-16189 BIOTECHDS

TITLE: New nucleic acid molecule encoding a **human** actin binding polypeptide (e.g. AFAP polypeptide), useful for diagnosing, prognosing or treating diseases involving disrupted AFAP signaling pathways, such as cancer or obesity; involving vector-mediated gene transfer and **expression** in host cell for use in gene therapy

AUTHOR: FLYNN D C

PATENT ASSIGNEE: UNIV WEST VIRGINIA RES CORP

PATENT INFO: WO 2003027235 3 Apr 2003

APPLICATION INFO: WO 2002-US29559 18 Sep 2002

PRIORITY INFO: US 2001-323866 21 Sep 2001; US 2001-323866 21 Sep 2001

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: WPI: 2003-402978 [38]

L12 ANSWER 28 OF 104 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN

ACCESSION NUMBER: 2004-01807 BIOTECHDS

TITLE: New polynucleotide encoding a c-Jun N-terminal **kinase** (JNK), and the encoded polypeptide, useful for (identifying compounds for) treating e.g. cancer, psoriasis, rheumatoid arthritis, or septic shock; peptide, **antibody** and sense or antisense oligonucleotide drug screening for disease therapy and gene therapy

AUTHOR: KARIN M; HIBI M; LIN A

PATENT ASSIGNEE: KARIN M; HIBI M; LIN A

PATENT INFO: US 2003190735 9 Oct 2003

APPLICATION INFO: US 2001-861012 18 May 2001

PRIORITY INFO: US 2001-861012 18 May 2001; US 1993-94533 19 Jul 1993

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: WPI: 2003-844275 [78]

L12 ANSWER 29 OF 104 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN

ACCESSION NUMBER: 2003-25674 BIOTECHDS

TITLE: Recombinantly producing functional ataxia-telangiectasia (ATM) protein at high yield, comprises infecting mammalian cells with viral vector and isolating the protein with **antibody**; vector-mediated protein-**kinase** gene transfer and **expression** in host cell for **recombinant** protein production and disease evaluation

AUTHOR: GATTI R A; CHUN H H; RAWLINGS D J

PATENT ASSIGNEE: GATTI R A; CHUN H H; RAWLINGS D J

PATENT INFO: US 2003129651 10 Jul 2003

APPLICATION INFO: US 2002-42775 8 Jan 2002

PRIORITY INFO: US 2002-42775 8 Jan 2002; US 2002-42775 8 Jan 2002

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: WPI: 2003-709414 [67]

L12 ANSWER 30 OF 104 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN

ACCESSION NUMBER: 2003-17664 BIOTECHDS

TITLE: Detecting cancer in a subject, by comparing **expression** levels of tyrosine **threonine kinase** polypeptide or polynucleotide in a subject cell and a normal cell, where an increase in the **expression** level in the test cell is indicative of cancer; baculo virus-mediated antisense transfer, **expression** profiling and drug screening useful for cancer gene therapy, diagnosis and prognosis

AUTHOR: REINHARD C; JEFFERSON A B; CHAN V W

PATENT ASSIGNEE: REINHARD C; JEFFERSON A B; CHAN V W

PATENT INFO: US 2003045491 6 Mar 2003

APPLICATION INFO: US 2002-81119 21 Feb 2002

PRIORITY INFO: US 2002-81119 21 Feb 2002; US 2001-289813 23 Feb 2001

DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2003-456566 [43]

L12 ANSWER 31 OF 104 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2003-19017 BIOTECHDS
TITLE: Modulating cellular proliferation in subject, by
administering **serine/threonine** protein
kinase involved in modulation of cellular
proliferation and cell cycle regulation, or a nucleic acid
encoding the polypeptide;
involving vector-mediated gene transfer and
expression in HeLa cell culture
AUTHOR: HITOSHI Y; DEMO S; JENKINS Y
PATENT ASSIGNEE: RIGEL PHARM INC
PATENT INFO: US 2003027756 6 Feb 2003
APPLICATION INFO: US 2001-26021 21 Dec 2001
PRIORITY INFO: US 2001-26021 21 Dec 2001; US 2001-309632 1 Aug 2001
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2003-479546 [45]

L12 ANSWER 32 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2003:875074 HCAPLUS
DOCUMENT NUMBER: 139:380024
TITLE: Oligonucleotide probes and primers for diagnosing and
monitoring autoimmune and chronic inflammatory
diseases
INVENTOR(S): Wohlgemuth, Jay; Fry, Kirk; Woodward, Robert; Ly, Ngoc
PATENT ASSIGNEE(S): Expression Diagnostics, Inc., USA
SOURCE: PCT Int. Appl., 877 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 9
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003090694	A2	20031106	WO 2003-US13015	20030424
WO 2003090694	A3	20041118		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
US 2004009479	A1	20040115	US 2002-131827	20020424
PRIORITY APPLN. INFO.:			US 2002-131827	A2 20020424
			US 2001-296764P	P 20010608
			US 2001-6290	A2 20011022

L12 ANSWER 33 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2003:837370 HCAPLUS
DOCUMENT NUMBER: 139:333972
TITLE: Gene profiling methods of diagnosing potential for
metastasis or developing hepatocellular
carcinoma and of identifying therapeutic
targets
INVENTOR(S): Wang, Xin Wei; Ye, Qing-hai; Kim, Jin Woo
PATENT ASSIGNEE(S): The Government of the United States of America, as
Represented by the Secretary of the Department of
Health and Human Services, USA
SOURCE: PCT Int. Appl., 141 pp.

CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003087766	A2	20031023	WO 2003-US10783	20030404
WO 2003087766	A3	20040729		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
PRIORITY APPLN. INFO.:			US 2002-370895P	P 20020405

L12 ANSWER 34 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2003:796745 HCAPLUS
DOCUMENT NUMBER: 139:306527
TITLE: Tumor or **lymphoma** associated antigens
OX-TES-1-28 for diagnosis, prognosis and treatment of cancer
INVENTOR(S): Banham, Alison; Pulford, Karen; Liggins, Amanda; Guinn, Barbara
PATENT ASSIGNEE(S): Isis Innovation Limited, UK
SOURCE: PCT Int. Appl., 234 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003082916	A2	20031009	WO 2003-GB1378	20030327
WO 2003082916	A3	20040318		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
EP 1490398	A2	20041229	EP 2003-722712	20030327
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
PRIORITY APPLN. INFO.:			GB 2002-7251	A 20020327
			WO 2003-GB1378	W 20030327

L12 ANSWER 35 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2003:737864 HCAPLUS
DOCUMENT NUMBER: 139:256347
TITLE: Protein and cDNA and genomic sequences of a **human serine/threonine** protein **kinase** sequence homolog, its tissue **expression**, SNPs, and therapeutic use
INVENTOR(S): Yan, Chunhua; Gan, Weiniu
PATENT ASSIGNEE(S): Applera Corporation, USA
SOURCE: PCT Int. Appl., 138 pp.

DOCUMENT TYPE: CODEN: PIXXD2
LANGUAGE: Patent
FAMILY ACC. NUM. COUNT: English
PATENT INFORMATION: 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003076577	A2	20030918	WO 2003-US306666	20030305
WO 2003076577	A3	20040506		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
CA 2478118	AA	20030918	CA 2003-2478118	20030305
US 2003228595	A1	20031211	US 2003-379381	20030305
EP 1478743	A2	20041124	EP 2003-711409	20030305
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
PRIORITY APPLN. INFO.:			US 2002-361339P	P 20020305
			WO 2003-US6666	W 20030305

L12 ANSWER 36 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2003:656499 HCAPLUS

DOCUMENT NUMBER: 139:178292

TITLE: Identification of gene **expression** markers
for ovarian cancer and therapeutic targets

INVENTOR(S): Jazaeri, Amir A.; Boyd, Jeffrey; Liu, Edison T.

PATENT ASSIGNEE(S): United States of America, Department of Health
Services, USA; The Sloan Kettering Institute for
Cancer Research

SOURCE: PCT Int. Appl., 136 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003068054	A2	20030821	WO 2003-US4688	20030213
WO 2003068054	A3	20041209		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
PRIORITY APPLN. INFO.:			US 2002-357031P	P 20020213

L12 ANSWER 37 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2003:591305 HCAPLUS

DOCUMENT NUMBER: 139:145823

TITLE: **Human** and *Drosophila* sphingosine-1-phosphate
lyase and/or sphingosine **kinase**, and their
use for the modulation of sphingolipid metabolism
and/or signaling in cancer diagnosis and therapy

INVENTOR(S): Saba, Julie D.; Fyrst, Henrik

PATENT ASSIGNEE(S): Children's Hospital & Research Center At Oakland, USA
 SOURCE: PCT Int. Appl., 134 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 5
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003062390	A2	20030731	WO 2003-US1739	20030117
WO 2003062390	A3	20050203		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG US 2003175939 A1 20030918 US 2002-53510 20020117 US 6830881 B2 20041214 PRIORITY APPLN. INFO.: US 2002-349582P P 20020117 US 2002-53510 A 20020117 US 1997-939309 A2 19970929 US 1999-356643 A2 19990719				

L12 ANSWER 38 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2003:356461 HCAPLUS

DOCUMENT NUMBER: 138:363915

TITLE: Protein and cDNA and genomic sequences of a **human serine/threonine** protein **kinase** sequence homolog, its tissue **expression**, SNPs, and therapeutic use

INVENTOR(S): Neelam, Beena; Milshina, Natalia; Yan, Chunhua; Di Francesco, Valentina; Beasley, Ellen M.; Ketchum, Karen

PATENT ASSIGNEE(S): Applera Corporation, USA

SOURCE: PCT Int. Appl., 169 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003037910	A2	20030508	WO 2002-US34708	20021030
WO 2003037910	A3	20031030		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG US 2003119037 A1 20030626 US 2002-283247 20021030 EP 1451311 A2 20040901 EP 2002-802490 20021030 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK PRIORITY APPLN. INFO.: US 2001-330756P P 20011030 WO 2002-US34708 W 20021030				

L12 ANSWER 39 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2003:874888 HCAPLUS
 DOCUMENT NUMBER: 139:359923
 TITLE: Protein and cDNA and genomic sequences of a
**human protein serine/
 threonine kinase** (phosphorylating)
 sequence homolog, its tissue **expression**,
 SNPs, and therapeutic use
 INVENTOR(S): Neelam, Beena; Yan, Xianghe; Yan, Chunhua
 PATENT ASSIGNEE(S): Applera Corporation, USA
 SOURCE: U.S. Pat. Appl. Publ., 128 pp.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003207311	A1	20031106	US 2003-427923	20030502
CA 2483520	AA	20031127	CA 2003-2483520	20030505
WO 2003097793	A2	20031127	WO 2003-US13987	20030505
WO 2003097793	A3	20040311		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1499740	A2	20050126	EP 2003-752996	20030505
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
PRIORITY APPLN. INFO.:			US 2002-377592P	P 20020506
			US 2003-427923	A 20030502
			WO 2003-US13987	W 20030505

L12 ANSWER 40 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2003:737283 HCAPLUS
 DOCUMENT NUMBER: 139:257275
 TITLE: **Cloning** of cDNAs for sphingosine-1-phosphate
 lyases and sphingosine **kinases** from
human and Drosophila, and their use for
 modulation of sphingolipid metabolism and/or signaling in
 cancer diagnosis and therapy
 INVENTOR(S): Saba, Julie D.; Fyrst, Henrik
 PATENT ASSIGNEE(S): Children's Hospital Oakland Research Institute, USA
 SOURCE: U.S. Pat. Appl. Publ., 49 pp., Cont.-in-part of
 U.S.Ser. No.356,643.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 5
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003175939	A1	20030918	US 2002-53510	20020117
US 6830881	B2	20041214		
US 6423527	B1	20020723	US 1997-939309	19970929
US 6569666	B1	20030527	US 1999-356643	19990719
US 2003059922	A1	20030327	US 2002-286175	20021030
WO 2003062390	A2	20030731	WO 2003-US1739	20030117
WO 2003062390	A3	20050203		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,				

CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
 GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
 LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
 PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ,
 UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
 KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,
 FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF,
 BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

US 2004126834 A1 20040701 US 2003-622011 20030716
 PRIORITY APPLN. INFO.: US 1997-939309 A2 19970929
 US 1999-356643 A2 19990719
 US 2001-849180 A1 20010504
 US 2002-349582P P 20020117
 US 2002-53510 A 20020117
 US 2003-348052 A2 20030117

L12 ANSWER 41 OF 104 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation
 on STN

ACCESSION NUMBER: 2003:284493 SCISEARCH

THE GENUINE ARTICLE: 657QQ

TITLE: Subtractive immunization using highly metastatic
human tumor cells identifies SIMA135/CDCP1, a 135
 kDa cell surface phosphorylated glycoprotein antigen

AUTHOR: Hooper J D; Zijlstra A; Aimes R T; Liang H Y; Claassen G
 F; Tarin D; Testa J E; Quigley J P (Reprint)

CORPORATE SOURCE: Scripps Res Inst, Dept Cell Biol, 10550 N Torrey Pines Rd,
 La Jolla, CA 92037 USA (Reprint); Scripps Res Inst, Dept
 Cell Biol, La Jolla, CA 92037 USA; Univ Calif San Diego,
 Dept Pathol, La Jolla, CA 92093 USA

COUNTRY OF AUTHOR: USA

SOURCE: ONCOGENE, (27 MAR 2003) Vol. 22, No. 12, pp. 1783-1794.
 Publisher: NATURE PUBLISHING GROUP, MACMILLAN BUILDING, 4
 CRINAN ST, LONDON N1 9XW, ENGLAND.
 ISSN: 0950-9232.

DOCUMENT TYPE: Article; Journal

LANGUAGE: English

REFERENCE COUNT: 40

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L12 ANSWER 42 OF 104 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
 STN

ACCESSION NUMBER: 2003:405069 BIOSIS

DOCUMENT NUMBER: PREV200300405069

TITLE: Tumor necrosis factor receptor-associated factor (TRAF) 4
 is a new binding partner for the p70S6 **serine/**
threonine kinase.

AUTHOR(S): Fleckenstein, Diana S.; Dirks, Wilhelm G.; Drexler, Hans
 G.; Quentmeier, Hilmar [Reprint Author]

CORPORATE SOURCE: Department of Human and Animal Cell Cultures, DSMZ-German
 Collection of Microorganisms and Cell Cultures, Mascheroder
 Weg 1B, Braunschweig, 38124, Germany
 hqu@dsmz.de

SOURCE: Leukemia Research, (August 2003) Vol. 27, No. 8, pp.
 687-694. print.
 ISSN: 0145-2126 (ISSN print).

DOCUMENT TYPE: Article

LANGUAGE: English

ENTRY DATE: Entered STN: 3 Sep 2003

Last Updated on STN: 3 Sep 2003

L12 ANSWER 43 OF 104 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN

ACCESSION NUMBER: 2003-25007 BIOTECHDS

TITLE: Overexpression of bad preferentially augments anoikis;
 vector-mediated BH3-only protein gene transfer and
expression in host cell for anoikis augmentation
 and gene therapy

AUTHOR: IDOGAWA M; ADACHI M; MINAMI T; YASUI H; IMAI K

CORPORATE SOURCE: Sapporo Med Univ; Sapporo Med Univ
LOCATION: Adachi M, Sapporo Med Univ, Sch Med, Dept Internal Med 1,
Chuo Ku, S1 W16, Sapporo, Hokkaido 0608543, Japan
SOURCE: INTERNATIONAL JOURNAL OF CANCER; (2003) 107, 2, 215-223
ISSN: 0020-7136
DOCUMENT TYPE: Journal
LANGUAGE: English

L12 ANSWER 44 OF 104 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
STN

ACCESSION NUMBER: 2004:34093 BIOSIS
DOCUMENT NUMBER: PREV200400032189
TITLE: PIM-1 ONCOGENE: A NOVEL BIOMARKER OF GASTROINTESTINAL
PRIMARY AND METASTATIC ADENOCARCINOMAS .
AUTHOR(S): Di Caro, Simona [Reprint Author]; Rajendiran, Swaminathan;
Dhir, Rajiv; Carloni, Emilia; Gasbarrini, Antonio;
Sepulveda, Antonia
CORPORATE SOURCE: Pittsburgh, PA, USA
SOURCE: Digestive Disease Week Abstracts and Itinerary Planner,
(2003) Vol. 2003, pp. Abstract No. W1329. e-file.
Meeting Info.: Digestive Disease 2003. FL, Orlando, USA.
May 17-22, 2003. American Association for the Study of
Liver Diseases; American Gastroenterological Association;
American Society for Gastrointestinal Endoscopy; Society
for Surgery of the Alimentary Tract.
DOCUMENT TYPE: Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
Conference; (Meeting Poster)
LANGUAGE: English
ENTRY DATE: Entered STN: 7 Jan 2004
Last Updated on STN: 7 Jan 2004

L12 ANSWER 45 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 4

ACCESSION NUMBER: 2002:285562 HCAPLUS
DOCUMENT NUMBER: 137:61578
TITLE: **Expressed** gene sets as markers for specific
tumors
INVENTOR(S): Ramaswamy, Sridhar; Golub, Todd B.; Tamayo, Pablo;
Angelo, Michael
PATENT ASSIGNEE(S): Whitehead Institute for Biomedical Research, USA;
Dana-Farber Cancer Institute, Inc.
SOURCE: PCT Int. Appl., 715 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 4
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002024956	A2	20020328	WO 2001-XB29287	20010919
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
WO 2002024956	A2	20020328	WO 2001-US29287	20010919
WO 2002024956	C1	20030306		
WO 2002024956	A3	20030626		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG,			

US, UZ, VN, YU, ZA, ZW
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AM, AZ, BY, KG,
KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR,
IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2000-233534P P 20000919
US 2001-278749P P 20010326
WO 2001-US29287 W 20010919

L12 ANSWER 46 OF 104 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2003-08672 BIOTECHDS

TITLE: Novel protein for inducing apoptosis, has proneurotrophin
pro-domain with conserved regions, mature neurotrophin
domain, and connector that joins conserved region to mature
domain and resistant to protease cleavage;
vector-mediated **recombinant** protein gene
transfer and **expression** in HEK-293 cell culture
for use in cardiovascular disorder, cancer, leukemia,
neurological disorder, virus infection and spinal muscular
atrophy therapy

AUTHOR: HEMPSTEAD B L; LEE R; TENG K K; KERMANI P
PATENT ASSIGNEE: CORNELL RES FOUND INC
PATENT INFO: WO 2002096356 5 Dec 2002
APPLICATION INFO: WO 2002-US16540 24 May 2002
PRIORITY INFO: US 2001-305510 13 Jul 2001; US 2001-293823 25 May 2001
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2003-140406 [13]

L12 ANSWER 47 OF 104 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2003-03794 BIOTECHDS

TITLE: Reducing growth of cancer cells comprises reducing Tyrosine
Threonine Kinase (TTK) activity, useful in
diagnosing and treating disorders with abnormal
expression levels and activity of TTK, such as lung,
colon, prostate and ovarian cancer;
recombinant tyrosine-threonine-
kinase-specific antisense administration for
cancer gene therapy

AUTHOR: REINHARD C; JEFFERSON A B; CHAN V W
PATENT ASSIGNEE: CHIRON CORP
PATENT INFO: WO 2002068444 6 Sep 2002
APPLICATION INFO: WO 2002-US5278 21 Feb 2002
PRIORITY INFO: US 2001-271254 21 Feb 2001; US 2001-271254 21 Feb 2001
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2002-698650 [75]

L12 ANSWER 48 OF 104 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2003-01894 BIOTECHDS

TITLE: Novel polynucleotide encoding **human** proteins that
are structurally similar to animal **kinases**, useful
for drug screening, diagnosis, in gene therapy of disorders
and diseases e.g. cancer and pharmacogenomic applications;
recombinant enzyme protein production and sense
and antisense sequence use in disease therapy and gene
therapy

AUTHOR: YU X; MIRANDA M; FRIDDLE C J
PATENT ASSIGNEE: LEXICON GENETICS INC
PATENT INFO: WO 2002059325 1 Aug 2002
APPLICATION INFO: WO 2001-US50497 20 Dec 2001
PRIORITY INFO: US 2000-258335 27 Dec 2000; US 2000-258335 27 Dec 2000
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2002-599796 [64]

L12 ANSWER 49 OF 104 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2002-19957 BIOTECHDS

TITLE: Novel amino acid sequence encoding cell division antigen, useful as a therapeutic and diagnostic agent for treating cell division associated diseases including cancer; vector-mediated **recombinant** protein gene transfer and **expression** in HeLa, HepG2, COS or African green monkey cell culture

AUTHOR: CHAI Z; TOH B
PATENT ASSIGNEE: UNIV MONASH
PATENT INFO: WO 2002036768 10 May 2002
APPLICATION INFO: WO 2000-AU1418 3 Nov 2000
PRIORITY INFO: AU 2000-1213 3 Nov 2000
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2002-537299 [57]

L12 ANSWER 50 OF 104 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2002-16001 BIOTECHDS

TITLE: New **human serine-threonine** protein **kinase** and encoding polynucleotides, useful for diagnosing, treating and preventing central nervous system disorders (e.g. stroke), diabetes, or cancers (e.g. leukemia);
recombinant protein enzyme protein production and sense and antisense gene use in disease gene therapy and gene therapy

AUTHOR: ZHU Z
PATENT ASSIGNEE: BAYER AG
PATENT INFO: WO 2002033096 25 Apr 2002
APPLICATION INFO: WO 2000-EP11925 16 Oct 2000
PRIORITY INFO: US 2001-314112 23 Aug 2001
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2002-435538 [46]

L12 ANSWER 51 OF 104 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2002-16000 BIOTECHDS

TITLE: New **human serine-threonine** protein **kinase** and encoding polynucleotides, useful for diagnosing, treating and preventing central nervous system disorders (e.g. stroke), diabetes, or cancers (e.g. leukemia);
recombinant enzyme protein production and sense and antisense gene use in disease therapy and gene therapy

AUTHOR: SMOLYAR A
PATENT ASSIGNEE: BAYER AG
PATENT INFO: WO 2002033095 25 Apr 2002
APPLICATION INFO: WO 2000-EP11893 16 Oct 2000
PRIORITY INFO: US 2000-240067 16 Oct 2000
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2002-435537 [46]

L12 ANSWER 52 OF 104 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2002-15997 BIOTECHDS

TITLE: New **human serine-threonine** protein **kinase** and encoding polynucleotides, useful for diagnosing, treating and preventing central nervous system disorders (e.g. stroke), diabetes, or cancers (e.g. leukemia);
recombinant protein production, sense and antisense gene and ribozyme use in disease therapy and gene therapy

AUTHOR: KOEHLER R H
PATENT ASSIGNEE: BAYER AG
PATENT INFO: WO 2002033056 25 Apr 2002
APPLICATION INFO: WO 2000-EP11892 16 Oct 2000
PRIORITY INFO: US 2001-308096 30 Jul 2001
DOCUMENT TYPE: Patent

LANGUAGE: English
OTHER SOURCE: WPI: 2002-435534 [46]

L12 ANSWER 53 OF 104 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2002-13132 BIOTECHDS
TITLE: Use of modulators of activity of 3700 protein for making
medicament for e.g., modulating protein phosphorylation or
cell signaling, or for treating or preventing cellular
proliferative and/or differentiative disorders;
use of antisense oligonucleotide for gene therapy
AUTHOR: CURTIS R A J; GALVIN K M
PATENT ASSIGNEE: MILLENNIUM PHARM INC
PATENT INFO: WO 2002024921 28 Mar 2002
APPLICATION INFO: WO 2000-US30115 25 Sep 2000
PRIORITY INFO: US 2000-234922 25 Sep 2000
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2002-352007 [38]

L12 ANSWER 54 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2002:946440 HCAPLUS
DOCUMENT NUMBER: 138:38058
TITLE: **Human** NOVX polypeptides, polynucleotides and
antibodies for diagnosis, prognosis and
therapy of NOVX-associated disorders and cancers
INVENTOR(S): Anderson, David W.; Zerhusen, Bryan D.; Li, Li; Zhong,
Mei; Casman, Stacie J.; Gerlach, Valerie L.; Shimkets,
Richard A.; Gorman, Linda; Pena, Carol E. A.; Kekuda,
Ramesh; Patturajan, Meera; Spytek, Kimberly A.; Leite,
Mario W.; Rastelli, Luca; MacDougall, John R.;
Taupier, Raymond J., Jr.; Guo, Xiaojia; Miller,
Charles E.; Shenoy, Suresh G.; Hjalt, Tord; Voss,
Edward Z.; Boldog, Ferenc L.; Malyankar, Uriel M.;
Padigaru, Muralidhara; Ji, Weizhen; Smithson, Glennda;
Edinger, Shlomit R.; Millet, Isabelle; Ellerman, Karen
PATENT ASSIGNEE(S): Curagen Corporation, USA
SOURCE: PCT Int. Appl., 461 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 154
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002099062	A2	20021212	WO 2002-US17559	20020604
WO 2002099062	A3	20030220		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
US 2004018555	A1	20040129	US 2002-161493	20020603
EP 1401470	A2	20040331	EP 2002-732027	20020604
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
JP 2005506833	T2	20050310	JP 2003-502172	20020604
US 2004038877	A1	20040226	US 2002-262839	20021001
PRIORITY APPLN. INFO.:			US 2001-295607P	P 20010604
			US 2001-296404P	P 20010606
			US 2001-296418P	P 20010606
			US 2001-296575P	P 20010607
			US 2001-297414P	P 20010611

US 2001-297567P	P	20010612
US 2001-297573P	P	20010612
US 2001-298285P	P	20010614
US 2001-298528P	P	20010615
US 2001-298556P	P	20010615
US 2001-299133P	P	20010618
US 2001-299230P	P	20010619
US 2001-299949P	P	20010621
US 2001-300177P	P	20010622
US 2001-301530P	P	20010628
US 2001-301550P	P	20010628
US 2001-302951P	P	20010703
US 2001-318771P	P	20010912
US 2001-324687P	P	20010925
US 2001-339266P	P	20011024
US 2001-337524P	P	20011116
US 2001-341143P	P	20011214
US 2002-358643P	P	20020221
US 2002-359151P	P	20020221
US 2002-361195P	P	20020228
US 2002-361964P	P	20020305
US 2002-371346P	P	20020410
US 2002-371523P	P	20020410
US 2002-161493	A2	20020603
US 2001-325687P	P	20010928
US 2001-326483P	P	20011002
US 2001-327342P	P	20011005
US 2001-327917P	P	20011009
US 2001-328029P	P	20011009
US 2001-328044P	P	20011009
US 2001-328056P	P	20011009
US 2001-328849P	P	20011012
US 2001-329414P	P	20011015
US 2001-330142P	P	20011017
US 2001-341058P	P	20011022
US 2001-343629P	P	20011024
US 2001-349575P	P	20011029
US 2001-346357P	P	20011101
US 2002-371972P	P	20020412
US 2002-371980P	P	20020412
US 2002-373261P	P	20020417
US 2002-373805P	P	20020419
US 2002-374738P	P	20020423
US 2002-381101P	P	20020516
US 2002-381635P	P	20020517
US 2002-383830P	P	20020529
WO 2002-US17559	W	20020604

L12 ANSWER 55 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2002:946322 HCAPLUS

DOCUMENT NUMBER: 138:34187

TITLE: **Human** cDNA sequences and their encoded

proteins and diagnostic and therapeutic uses

INVENTOR(S): Guo, Xiaojia; Fernandes, Elma; Li, Li; Kekuda, Ramesh; Liu, Yi; Leite, Mario; Spytek, Kimberly A.; Ji, Weizhen; Casman, Stacie J.; Boldog, Ference L.; Patturajan, Meera; Vernet, Corine A. M.; Ballinger, Robert A.; Malyankar, Uriel M.; Tchernev, Velizar T.; Blalock, Angela D.; Gusev, Vladimir Y.; Rastelli, Luca; Mezes, Peter D.; Ellerman, Karen; Heyes, Melvyn; Herrmann, John L.; Shimkets, Richard A.; Ioime, Noelle; Pena, Carol E. A.; Shenoy, Suresh G.; Taupier, Raymond J., Jr.; Gerlach, Valerie; Gorman, Linda

PATENT ASSIGNEE(S): Curagen Corporation, USA

SOURCE: PCT Int. Appl., 566 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 154

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002098917	A2	20021212	WO 2002-US22049	20020212
WO 2002098917	A3	20040122		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
CA 2438571	AA	20021212	CA 2002-2438571	20020212
EP 1409536	A2	20040421	EP 2002-765832	20020212
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
PRIORITY APPLN. INFO.:			US 2001-268221P	P 20010212
			US 2001-268496P	P 20010213
			US 2001-268646P	P 20010214
			US 2001-268665P	P 20010214
			US 2001-269136P	P 20010215
			US 2001-269310P	P 20010216
			US 2001-269530P	P 20010216
			US 2001-276405P	P 20010315
			US 2001-276399P	P 20010316
			US 2001-276703P	P 20010316
			US 2001-278199P	P 20010323
			US 2001-279274P	P 20010328
			US 2001-280238P	P 20010330
			US 2001-280899P	P 20010402
			US 2001-310797P	P 20010808
			US 2001-312284P	P 20010814
			US 2001-322294P	P 20010914
			US 2001-322295P	P 20010914
			US 2001-330293P	P 20011018
			US 2001-335104P	P 20011031
			US 2001-335109P	A2 20011031
			US 2001-332127P	A2 20011121
			US 2001-331772P	A2 20011128
			WO 2002-US22049	W 20020212

L12 ANSWER 56 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2002:575295 HCAPLUS

DOCUMENT NUMBER: 137:138777

TITLE: Marker proteins and genes for **human colon** cancer, methods and compositions for their diagnostic, prognostic, and therapeutic uses

INVENTOR(S): Schlegel, Robert; Berger, Allison

PATENT ASSIGNEE(S): Millennium Pharmaceuticals, Inc., USA

SOURCE: PCT Int. Appl., 112 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002059376	A1	20020801	WO 2002-US2188	20020123
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,			

PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
 UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU,
 TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
 CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

US 2003054366 A1 20030320 US 2002-56605 20020123
 PRIORITY APPLN. INFO.: US 2001-263620P P 20010123
 REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 57 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2002:157957 HCAPLUS
 DOCUMENT NUMBER: 136:195349
 TITLE: Protein, gene and cDNA sequences of **human**
 protein **kinase** sequence homolog and
 diagnostic and therapeutic uses thereof
 INVENTOR(S): Yan, Chunhua; Ye, Jane; Ketchum, Karen A.; Di
 Francesco, Valentina; Beasley, Ellen M.
 PATENT ASSIGNEE(S): Applera Corporation, USA
 SOURCE: PCT Int. Appl., 81 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002016567	A2	20020228	WO 2001-US26389	20010824
WO 2002016567	A3	20030130		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
US 2002076783	A1	20020620	US 2001-810671	20010319
US 6455291	B2	20020924		
CA 2421062	AA	20020228	CA 2001-2421062	20010824
AU 2001086687	A5	20020304	AU 2001-86687	20010824
EP 1313844	A2	20030528	EP 2001-966150	20010824
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
JP 2004522413	T2	20040729	JP 2002-522241	20010824
US 2002119548	A1	20020829	US 2002-109854	20020401
US 6630337	B2	20031007		
US 2003134319	A1	20030717	US 2003-339656	20030110
US 6733978	B2	20040511		
US 2004152123	A1	20040805	US 2004-801671	20040317
PRIORITY APPLN. INFO.:			US 2000-227470P	P 20000824
			US 2001-810671	A 20010319
			WO 2001-US26389	W 20010824
			US 2002-109854	A3 20020401
			US 2003-339656	A3 20030110

L12 ANSWER 58 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2002:696559 HCAPLUS
 DOCUMENT NUMBER: 137:227754
 TITLE: Protein, gene and cDNA sequences of a novel
human kinase protein related to
serine/threonine protein
kinase and their uses in drug screening
 INVENTOR(S): Ye, Jane; Yan, Chunhua; Di Francesco, Valentina;
 Beasley, Ellen M.

PATENT ASSIGNEE(S) : USA
 SOURCE: U.S. Pat. Appl. Publ., 174 pp.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002127683	A1	20020912	US 2001-801876	20010309
US 6492155	B2	20021210		
US 2003027307	A1	20030206	US 2002-254869	20020926
US 6653117	B2	20031125		
US 2004043466	A1	20040304	US 2003-667442	20030923
US 6821765	B2	20041123		
PRIORITY APPLN. INFO.:			US 2001-801876	A3 20010309
			US 2002-254869	A3 20020926

L12 ANSWER 59 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2002:488124 HCAPLUS
 DOCUMENT NUMBER: 137:59517
 TITLE: **Human AURORA-1 and AURORA-2 kinases**
 , cDNA and amino acid sequences, and
recombinant production
 INVENTOR(S) : Plowman, Gregory; Mossie, Kevin
 PATENT ASSIGNEE(S) : Sugan, Inc., USA
 SOURCE: U.S. Pat. Appl. Publ., 43 pp., Cont.-in-part of U.S.
 Ser. No. 5,268, abandoned.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 4
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002081578	A1	20020627	US 1998-12135	19980122
US 6716575	B2	20040406		
CN 1205740	A	19990120	CN 1996-199101	19961125
US 5962312	A	19991005	US 1996-755728	19961125
CA 2318352	AA	19990729	CA 1999-2318352	19990121
WO 9937788	A2	19990729	WO 1999-US1283	19990121
WO 9937788	A3	19990930		
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 9925605	A1	19990809	AU 1999-25605	19990121
EP 1051500	A2	20001115	EP 1999-905450	19990121
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
JP 2002508937	T2	20020326	JP 2000-528695	19990121
US 6207401	B1	20010327	US 1999-283011	19990331
US 2005002938	A1	20050106	US 2001-784332	20010216
US 6841579	B1	20050111		
US 2004265852	A1	20041230	US 2003-734126	20031215
PRIORITY APPLN. INFO.:			US 1995-8809P	P 19951218
			US 1996-23943P	P 19960814
			US 1996-755728	A2 19961125
			US 1998-5268	B2 19980109
			US 1998-12135	A 19980122
			WO 1999-US1283	W 19990121
			US 1999-283011	A3 19990331

REFERENCE COUNT: 182 THERE ARE 182 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 60 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2002:941845 HCAPLUS

DOCUMENT NUMBER: 138:21334

TITLE: Protein, gene and cDNA sequences of a novel

human protein kinase related to

serine/threonine kinase

and their uses in drug screening

INVENTOR(S): Yan, Chunhua; Li, Zhenya; Neelam, Beena; Difrancesco, Valentina; Beasley, Ellen M.

PATENT ASSIGNEE(S): PE Corporation (Ny), USA

SOURCE: U.S., 107 pp.

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6492156	B1	20021210	US 2001-984890	20011031
US 2003232408	A1	20031218	US 2002-274194	20021021
US 6706511	B2	20040316		
WO 2003038115	A2	20030508	WO 2002-US34869	20021031
WO 2003038115	A3	20040122		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1451310	A2	20040901	EP 2002-793863	20021031
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
US 2004137499	A1	20040715	US 2004-760407	20040121
PRIORITY APPLN. INFO.:				
			US 2001-984890	A3 20011031
			US 2002-274194	A3 20021021
			WO 2002-US34869	W 20021031

REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 61 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2002:937303 HCAPLUS

DOCUMENT NUMBER: 138:20443

TITLE: Endocrine disruptor screening using DNA chips of endocrine disruptor-responsive genes

INVENTOR(S): Kondo, Akihiro; Takeda, Takeshi; Mizutani, Shigetoshi; Tsujimoto, Yoshimasa; Takashima, Ryokichi; Enoki, Yuki; Kato, Ikunoshin

PATENT ASSIGNEE(S): Takara Bio Inc., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 386 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002355079	A2	20021210	JP 2002-69354	20020313

PRIORITY APPLN. INFO.: JP 2001-73183 A 20010314
JP 2001-74993 A 20010315
JP 2001-102519 A 20010330

L12 ANSWER 62 OF 104 MEDLINE on STN

ACCESSION NUMBER: 2002620026 MEDLINE
DOCUMENT NUMBER: PubMed ID: 12145277
TITLE: Hyaluronan oligosaccharides inhibit anchorage-independent growth of tumor cells by suppressing the phosphoinositide 3-kinase/Akt cell survival pathway.
AUTHOR: Ghatak Shibnath; Misra Suniti; Toole Bryan P
CORPORATE SOURCE: Department of Anatomy and Cellular Biology, Tufts University School of Medicine, Boston, Massachusetts 02111, USA.
CONTRACT NUMBER: CA73839 (NCI)
SOURCE: Journal of biological chemistry, (2002 Oct 11) 277 (41) 38013-20. Electronic Publication: 2002-07-26.
Journal code: 2985121R. ISSN: 0021-9258.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200211
ENTRY DATE: Entered STN: 20021017
Last Updated on STN: 20030105
Entered Medline: 20021125

L12 ANSWER 63 OF 104 MEDLINE on STN

ACCESSION NUMBER: 2002405105 MEDLINE
DOCUMENT NUMBER: PubMed ID: 12077367
TITLE: Regulation of S33/S37 phosphorylated beta-catenin in normal and transformed cells.
AUTHOR: Sadot Einat; Conacchi-Sorrell Maralice; Zhurinsky Jacob; Shnizer Dalia; Lando Zeev; Zharhary Dorit; Kam Zvi; Ben-Ze'ev Avri; Geiger Benjamin
CORPORATE SOURCE: Department of Molecular Cell Biology, Weizmann Institute of Science Rehovot 76100 Israel.
SOURCE: Journal of cell science, (2002 Jul 1) 115 (Pt 13) 2771-80.
Journal code: 0052457. ISSN: 0021-9533.
PUB. COUNTRY: England: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200211
ENTRY DATE: Entered STN: 20020806
Last Updated on STN: 20021214
Entered Medline: 20021126

L12 ANSWER 64 OF 104 MEDLINE on STN DUPLICATE 5

ACCESSION NUMBER: 2002117631 MEDLINE
DOCUMENT NUMBER: PubMed ID: 11849447
TITLE: STAT3, but not ERKs, mediates the IL-6-induced proliferation of renal cancer cells, ACHN and 769P.
AUTHOR: Horiguchi Akio; Oya Mototsugu; Marumo Ken; Murai Masaru
CORPORATE SOURCE: Department of Urology, Keio University School of Medicine, 35 Shinanomachi, Shinjuku-ku, Tokyo 160-8582, Japan.
SOURCE: Kidney international, (2002 Mar) 61 (3) 926-38.
Journal code: 0323470. ISSN: 0085-2538.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200205
ENTRY DATE: Entered STN: 20020220
Last Updated on STN: 20020511
Entered Medline: 20020510

L12 ANSWER 65 OF 104 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation

on STN

DUPLICATE 6

ACCESSION NUMBER: 2002:66138 SCISEARCH
THE GENUINE ARTICLE: 511NX
TITLE: AKT proto-oncogene overexpression is an early event during sporadic **colon** carcinogenesis
AUTHOR: Roy H K (Reprint); Olusola B F; Clemens D L; Karolski W J; Ratashak A; Lynch H T; Smyrk T C
CORPORATE SOURCE: Univ Nebraska, Med Ctr, Dept Internal Med, Eppley Canc Inst, Nebraska Med Ctr 982000, Omaha, NE 68198 USA (Reprint); Creighton Univ, Dept Hereditary Canc, Omaha, NE 68178 USA; Mayo Clin, Dept Pathol, Rochester, MN USA
COUNTRY OF AUTHOR: USA
SOURCE: CARCINOGENESIS, (JAN 2002) Vol. 23, No. 1, pp. 201-205. Publisher: OXFORD UNIV PRESS, GREAT CLARENDON ST, OXFORD OX2 6DP, ENGLAND. ISSN: 0143-3334.
DOCUMENT TYPE: Article; Journal
LANGUAGE: English
REFERENCE COUNT: 30
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L12 ANSWER 66 OF 104 EMBASE COPYRIGHT 2005 ELSEVIER INC. ALL RIGHTS RESERVED. on STN

ACCESSION NUMBER: 2002211728 EMBASE
TITLE: [Angiogenesis inhibitors: A new therapeutic approach in cancer therapy]. ANGIOGENESE-INHIBITOREN: EINE NEUE WIRKSTOFFGRUPPE IN DER KREBSTHERAPIE.
AUTHOR: Ibrom W.
CORPORATE SOURCE: Dr. W. Ibrom, Apotheke des Krankhs. St. Josef GmbH, Ringstr. 60A, A-5280 Braunau am Inn, Austria. wolfgang.ibrom@khbr.or.at
SOURCE: Krankenhauspharmazie, (2002) 23/5 (181-192). Refs: 40 ISSN: 0173-7597 CODEN: KRANDZ
COUNTRY: Germany
DOCUMENT TYPE: Journal; Article
FILE SEGMENT: 016 Cancer
018 Cardiovascular Diseases and Cardiovascular Surgery
030 Pharmacology
037 Drug Literature Index
038 Adverse Reactions Titles
LANGUAGE: German
SUMMARY LANGUAGE: English; German

L12 ANSWER 67 OF 104 EMBASE COPYRIGHT 2005 ELSEVIER INC. ALL RIGHTS RESERVED. on STN

ACCESSION NUMBER: 2002194397 EMBASE
TITLE: IDdb News focus.
SOURCE: Current Drug Discovery, (2002) -/MAY (13-16). ISSN: 1472-7463 CODEN: CDDUAI
COUNTRY: United Kingdom
DOCUMENT TYPE: Journal; Note
FILE SEGMENT: 004 Microbiology
008 Neurology and Neurosurgery
015 Chest Diseases, Thoracic Surgery and Tuberculosis
016 Cancer
031 Arthritis and Rheumatism
037 Drug Literature Index
LANGUAGE: English

L12 ANSWER 68 OF 104 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN

ACCESSION NUMBER: 2002-06724 BIOTECHDS
TITLE: New tumor suppressor gene, which encodes a carboxy-terminal modulating protein (CTMP), and its protein product, useful for treating cancer or identifying CTMP modulators useful in cancer therapy;
plasmid pGADGH.CTMP-mediated **recombinant**

beta-galactosidase fusion protein gene transfer and
expression in host cell, **antibody** and
drug screening for cancer and insulin regulation disorder
diagnosis, prognosis and genetherapy

AUTHOR: HEMMINGS B A; MAIRA S
PATENT ASSIGNEE: NOVARTIS FORSCHUNGSSTIFTUNG ZWEIGNIEDERL
PATENT INFO: WO 2001094581 13 Dec 2001
APPLICATION INFO: WO 2000-EP6431 9 Jun 2000
PRIORITY INFO: GB 2000-14185 9 Jun 2000
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2002-139663 [18]

L12 ANSWER 69 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2001:851353 HCAPLUS

DOCUMENT NUMBER: 136:2248

TITLE: **Human** and mouse neuronal **serine-**
threonine protein **kinases** and cDNAs
and methods for diagnosis and treatment of
neurological diseases and cancer

INVENTOR(S): Schneider, Armin; Klaussner, Bettina; Fischer, Achim;
Newrzella, Dieter; Goetz, Bernhard; Rossner, Moritz;
Eisenhardt, Gisela; Kuner, Rohini; Trutzel, Annette;
Kammandel, Birgitta; Jomana, Naim Stephanie;
Schwaninger, Markus

PATENT ASSIGNEE(S): BASF-Lynx Bioscience A.-G., Germany

SOURCE: PCT Int. Appl., 75 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001088108	A1	20011122	WO 2001-EP5660	20010517
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,				
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,				
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,				
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT,				
RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US,				
UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,				
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,				
BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
DE 10024171	A1	20011220	DE 2000-10024171	20000517
CA 2410193	AA	20011122	CA 2001-2410193	20010517
EP 1282700	A1	20030212	EP 2001-936370	20010517
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2003533226	T2	20031111	JP 2001-585316	20010517
US 2004087784	A1	20040506	US 2003-276645	20030604
PRIORITY APPLN. INFO.:			DE 2000-10024171 A	20000517
			WO 2001-EP5660 W	20010517
REFERENCE COUNT:	6	THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L12 ANSWER 70 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2001:748065 HCAPLUS

DOCUMENT NUMBER: 135:284103

TITLE: Tumor markers in diagnosis and therapy of ovarian
cancer

INVENTOR(S): Morin, Patrice J.; Sherman-baust, Cheryl A.; Pizer,
Ellen S.; Hough, Colleen D.

PATENT ASSIGNEE(S): The Government of the United States of America, as
Represented by the Secretary, Department of Health and
Human Services, USA

SOURCE: PCT Int. Appl., 140 pp.

CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001075177	A2	20011011	WO 2001-US10947	20010403
WO 2001075177	A3	20030522		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
AU 2001053140	A5	20011015	AU 2001-53140	20010403
US 2003211498	A1	20031113	US 2002-257021	20021003
PRIORITY APPLN. INFO.:			US 2000-194336P	P 20000403
			WO 2001-US10947	W 20010403

L12 ANSWER 71 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2001:747846 HCAPLUS

DOCUMENT NUMBER: 135:284093

TITLE: **Human** polynucleotides, polypeptides, and **antibodies**

INVENTOR(S): Moore, Paul A.; Ni, Jian; Soppet, Daniel R.; Coleman, Timothy A.; Gentz, Reiner L.; Endress, Gregory A.; Li, Yi; Dillon, Patrick J.

PATENT ASSIGNEE(S): Human Genome Sciences, Inc., USA

SOURCE: PCT Int. Appl., 318 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001074896	A1	20011011	WO 2001-US10542	20010402
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
CA 2404074	AA	20011011	CA 2001-2404074	20010402
EP 1276764	A1	20030122	EP 2001-937162	20010402
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
JP 2003529357	T2	20031007	JP 2001-572585	20010402
US 2002192749	A1	20021219	US 2001-969384	20011003
PRIORITY APPLN. INFO.:			US 2000-194118P	P 20000403
			US 2000-236384P	P 20000929
			WO 2001-US10542	W 20010402

REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 72 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2001:320060 HCAPLUS

DOCUMENT NUMBER: 134:339179

TITLE: Nucleic acids and proteins associated with cancer as antitumor targets
 INVENTOR(S): Burmer, Glenna C.; Brown, Joseph P.; Pritchard, David
 PATENT ASSIGNEE(S): Lifespan Biosciences, Inc., USA
 SOURCE: PCT Int. Appl., 98 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001030964	A2	20010503	WO 2000-US29126	20001020
WO 2001030964	A3	20010809		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG AU 2001013397 A5 20010508 AU 2001-13397 20001020 PRIORITY APPLN. INFO.: US 1999-161232P P 19991022 US 2000-693783 A 20001019 WO 2000-US29126 W 20001020				

L12 ANSWER 73 OF 104 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN

ACCESSION NUMBER: 2001:503733 BIOSIS
 DOCUMENT NUMBER: PREV200100503733
 TITLE: Reactive oxygen species-induced phosphorylation of p53 on **serine** 20 is mediated in part by Polo-like **kinase-3**.
 AUTHOR(S): Xie, Suqing; Wang, Qi; Wu, Huiyun; Cogswell, John; Lu, Luo; Jhanwar-Uniyal, Meena; Dai, Wei [Reprint author]
 CORPORATE SOURCE: Laboratory of Cell Cycle Regulation, American Health Foundation, 1 Dana Rd., Valhalla, NY, 10595, USA
 SOURCE: Journal of Biological Chemistry, (September 28, 2001) Vol. 276, No. 39, pp. 36194-36199. print.
 CODEN: JBCHA3. ISSN: 0021-9258.
 DOCUMENT TYPE: Article
 LANGUAGE: English
 ENTRY DATE: Entered STN: 31 Oct 2001
 Last Updated on STN: 23 Feb 2002

L12 ANSWER 74 OF 104 MEDLINE on STN

ACCESSION NUMBER: 2001546961 MEDLINE
 DOCUMENT NUMBER: PubMed ID: 11593385
 TITLE: The anti-apoptotic role of interleukin-6 in **human** cervical cancer is mediated by up-regulation of Mcl-1 through a PI 3-K/Akt pathway.
 AUTHOR: Wei L H; Kuo M L; Chen C A; Chou C H; Cheng W F; Chang M C; Su J L; Hsieh C Y
 CORPORATE SOURCE: Department of Obstetrics and Gynecology, National Taiwan University Hospital, No. 7 Chung-Shan South Road, Taipei, Taiwan.
 SOURCE: Oncogene, (2001 Sep 13) 20 (41) 5799-809.
 Journal code: 8711562. ISSN: 0950-9232.
 PUB. COUNTRY: England: United Kingdom
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 200111
 ENTRY DATE: Entered STN: 20011015

Last Updated on STN: 20020420
Entered Medline: 20011101

L12 ANSWER 75 OF 104 MEDLINE on STN DUPLICATE 7
ACCESSION NUMBER: 2001384027 MEDLINE
DOCUMENT NUMBER: PubMed ID: 11431370
TITLE: A CD44 survival pathway triggers chemoresistance via lyn
kinase and phosphoinositide 3-**kinase**/Akt
in **colon carcinoma** cells.
AUTHOR: Bates R C; Edwards N S; Burns G F; Fisher D E
CORPORATE SOURCE: Cancer Research Unit, Faculty of Medicine, The University
of Newcastle, New South Wales 2308, Australia..
rbates@caregroup.harvard.edu
SOURCE: Cancer research, (2001 Jul 1) 61 (13) 5275-83.
Journal code: 2984705R. ISSN: 0008-5472.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200107
ENTRY DATE: Entered STN: 20010723
Last Updated on STN: 20010723
Entered Medline: 20010719

L12 ANSWER 76 OF 104 MEDLINE on STN
ACCESSION NUMBER: 2001678033 MEDLINE
DOCUMENT NUMBER: PubMed ID: 11724300
TITLE: Implication of the proliferation and apoptosis associated
CSE1L/CAS gene for breast cancer development.
AUTHOR: Behrens P; Brinkmann U; Fogt F; Wernert N; Wellmann A
CORPORATE SOURCE: Department of Pathology, University Bonn, Germany.
SOURCE: Anticancer research, (2001 Jul-Aug) 21 (4A) 2413-7.
Journal code: 8102988. ISSN: 0250-7005.
PUB. COUNTRY: Greece
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200112
ENTRY DATE: Entered STN: 20011129
Last Updated on STN: 20021211
Entered Medline: 20011207

L12 ANSWER 77 OF 104 MEDLINE on STN DUPLICATE 8
ACCESSION NUMBER: 2002022720 MEDLINE
DOCUMENT NUMBER: PubMed ID: 11451996
TITLE: High PKC alpha and low E-cadherin **expression**
contribute to high migratory activity of **colon**
carcinoma cells.
AUTHOR: Masur K; Lang K; Niggemann B; Zanker K S; Entschladen F
CORPORATE SOURCE: Institute of Immunology, Witten/Herdecke University, 58448
Witten, Germany.. kaimasur@uni-wh.de
SOURCE: Molecular biology of the cell, (2001 Jul) 12 (7) 1973-82.
Journal code: 9201390. ISSN: 1059-1524.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200112
ENTRY DATE: Entered STN: 20020121
Last Updated on STN: 20020121
Entered Medline: 20011204

L12 ANSWER 78 OF 104 MEDLINE on STN
ACCESSION NUMBER: 2001519775 MEDLINE
DOCUMENT NUMBER: PubMed ID: 11567224
TITLE: **Expression** of cyclin E and cyclin-dependent
kinase 2 correlates with metastasis and prognosis
in colorectal **carcinoma**.

AUTHOR: Li J Q; Miki H; Ohmori M; Wu F; Funamoto Y
CORPORATE SOURCE: First Department of Pathology, Kagawa Medical University,
Kagawa, Japan.
SOURCE: Human pathology, (2001 Sep) 32 (9) 945-53.
Journal code: 9421547. ISSN: 0046-8177.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200110
ENTRY DATE: Entered STN: 20010924
Last Updated on STN: 20011022
Entered Medline: 20011018

L12 ANSWER 79 OF 104 MEDLINE on STN
ACCESSION NUMBER: 2003293159 MEDLINE
DOCUMENT NUMBER: PubMed ID: 12820725
TITLE: Novel adapter protein AP162 connects a sialyl-Le(x)-
positive mucin with an apoptotic signal transduction
pathway.
AUTHOR: Hartel-Schenk S; Gratchev A; Hanski M L; Ogorek D;
Trendelenburg G; Hummel M; Hopfner M; Scherubl H; Zeitz M;
Hanski C
CORPORATE SOURCE: Department of Gastroenterology, University Clinic Benjamin
Franklin Free University Berlin, 12200 Berlin,
Hindenburgdamm 30, Germany.
SOURCE: Glycoconjugate journal, (2001 Nov-Dec) 18 (11-12) 915-23.
Journal code: 8603310. ISSN: 0282-0080.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
OTHER SOURCE: GENBANK-AJ002220
ENTRY MONTH: 200308
ENTRY DATE: Entered STN: 20030625
Last Updated on STN: 20030812
Entered Medline: 20030811

L12 ANSWER 80 OF 104 MEDLINE on STN
ACCESSION NUMBER: 2001680519 MEDLINE
DOCUMENT NUMBER: PubMed ID: 11726273
TITLE: Dissociation of Bax from a Bcl-2/Bax heterodimer triggered
by phosphorylation of **serine** 70 of Bcl-2.
AUTHOR: Shitashige M; Toi M; Yano T; Shibata M; Matsuo Y; Shibasaki
F
CORPORATE SOURCE: Department of Molecular Cell Physiology, The Tokyo
Metropolitan Institute of Medical Science, 3-18-22
Honkomagome, Bunkyo-ku, Tokyo 113-8613, Japan.
SOURCE: Journal of biochemistry, (2001 Dec) 130 (6) 741-8.
Journal code: 0376600. ISSN: 0021-924X.
PUB. COUNTRY: Japan
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200204
ENTRY DATE: Entered STN: 20011203
Last Updated on STN: 20020420
Entered Medline: 20020419

L12 ANSWER 81 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2001:775265 HCAPLUS
DOCUMENT NUMBER: 136:132090
TITLE: Investigation of differentially **expressed**
genes during the development of mouse cerebellum
AUTHOR(S): Kagami, Yoshihiro; Furuichi, Teiichi
CORPORATE SOURCE: Laboratory for Molecular Neurogenesis, Brain Science
Institute, RIKEN, Wako, 351-0198, Japan
SOURCE: Gene Expression Patterns (2001), 1(1), 39-59

PUBLISHER: CODEN: GEPEAD; ISSN: 1567-133X
Elsevier Science B.V.
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 82 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2000:756836 HCAPLUS
DOCUMENT NUMBER: 133:318300
TITLE: **Human** homologs of Drosophila fused gene and
protein

INVENTOR(S): Mosca, Monica; Isacchi, Antonella
PATENT ASSIGNEE(S): Pharmacia & Upjohn S.p.A, Italy
SOURCE: PCT Int. Appl., 64 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000063352	A2	20001026	WO 2000-EP2761	20000329
WO 2000063352	A3	20010201		
W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
EP 1171580	A2	20020116	EP 2000-926771	20000329
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
JP 2002541837	T2	20021210	JP 2000-612431	20000329
PRIORITY APPLN. INFO.:			GB 1999-8798	A 19990416
			WO 2000-EP2761	W 20000329

L12 ANSWER 83 OF 104 MEDLINE on STN DUPLICATE 9
ACCESSION NUMBER: 2001035469 MEDLINE
DOCUMENT NUMBER: PubMed ID: 11085539
TITLE: Activation of hepatocyte growth factor/scatter factor in colorectal **carcinoma**.
AUTHOR: Kataoka H; Hamasuna R; Itoh H; Kitamura N; Kono M
CORPORATE SOURCE: The Second Department of Pathology, Miyazaki Medical College, Kiyotake, Japan.. mejina@post.miyazaki-med.ac.jp
SOURCE: Cancer research, (2000 Nov 1) 60 (21) 6148-59.
Journal code: 2984705R. ISSN: 0008-5472.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200011
ENTRY DATE: Entered STN: 20010322
Last Updated on STN: 20010322
Entered Medline: 20001130

L12 ANSWER 84 OF 104 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation on STN
ACCESSION NUMBER: 2000:630946 SCISEARCH
THE GENUINE ARTICLE: 343NX
TITLE: **Human** MUC4 mucin cDNA and its variants in pancreatic **carcinoma**
AUTHOR: Choudhury A; Moniaux N; Winpenny J P; Hollingsworth M A; Aubert J P; Batra S K (Reprint)

CORPORATE SOURCE: UNIV NEBRASKA, MED CTR, DEPT BIOCHEM & MOL BIOL, 600 S
42ND ST, OMAHA, NE 68198 (Reprint); UNIV NEBRASKA, MED
CTR, DEPT BIOCHEM & MOL BIOL, OMAHA, NE 68198; UNIV
NEBRASKA, MED CTR, EPPLEY INST RES CTR & ALLIED DIS,
OMAHA, NE 68198; INSERM, U377, F-59037 LILLE, FRANCE; HOP
HURIEZ, LAB BIOCHIM & BIOL MOL, F-59037 LILLE, FRANCE;
UNIV SUNDERLAND, SCH SCI, SUNDERLAND SR1 3SD, DURHAM,
ENGLAND
COUNTRY OF AUTHOR: USA; FRANCE; ENGLAND
SOURCE: JOURNAL OF BIOCHEMISTRY, (AUG 2000) Vol. 128, No. 2, pp.
233-243.
Publisher: JAPANESE BIOCHEMICAL SOC, ISHIKAWA BLDG-3F,
25-16 HONGO-5-CHOME, BUNKYO-KU, TOKYO 113, JAPAN.
ISSN: 0021-924X.
DOCUMENT TYPE: Article; Journal
FILE SEGMENT: LIFE
LANGUAGE: English
REFERENCE COUNT: 43
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L12 ANSWER 85 OF 104 MEDLINE on STN
ACCESSION NUMBER: 2000412341 MEDLINE
DOCUMENT NUMBER: PubMed ID: 10926789
TITLE: Endocervical cancer is associated with an increase in the
ligands and receptors for transforming growth factor-beta
and a contrasting decrease in p27(Kipl).
AUTHOR: Farley J; Gray K; Nycum L; Prentice M; Birrer M J; Jakowlew
S B
CORPORATE SOURCE: Department of Obstetrics and Gynecology, Naval Medical
Center Portsmouth, Division of Gynecologic Oncology, 150
Kingsley Lane, Norfolk, Virginia 23505, USA.
SOURCE: Gynecologic oncology, (2000 Aug) 78 (2) 113-22.
Journal code: 0365304. ISSN: 0090-8258.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200008
ENTRY DATE: Entered STN: 20000907
Last Updated on STN: 20000907
Entered Medline: 20000829

L12 ANSWER 86 OF 104 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
DUPLICATE 10
ACCESSION NUMBER: 2000-03584 BIOTECHDS
TITLE: New isolated **serine/threonine**
kinase, used for developing products for the
diagnosis and treatment of cancers;
plasmid psDNA3.1.BUB1-mediated protein-**kinase**
expression in 293T cell, monoclonal
antibody, hybridoma, DNA probe and antisense
oligonucleotide for cancer, neurodegenerative or immune
disorder therapy
AUTHOR: Plowman G; Martinez R; Zhu Y
PATENT ASSIGNEE: Sugen
LOCATION: South San Francisco, CA, USA.
PATENT INFO: WO 9966051 23 Dec 1999
APPLICATION INFO: WO 1999-US13533 15 Jun 1999
PRIORITY INFO: US 1998-98265 28 Aug 1998; US 1998-89520 16 Jun 1998
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2000-097748 [08]

L12 ANSWER 87 OF 104 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation
on STN
ACCESSION NUMBER: 1999:592027 SCISEARCH
THE GENUINE ARTICLE: 219JE
TITLE: Pervanadate-mediated tyrosine phosphorylation of keratins

8 and 19 via a p38 mitogen-activated protein
kinase-dependent pathway

AUTHOR: Feng L (Reprint); Zhou X J; Liao J; Omary M B
CORPORATE SOURCE: VA PALO ALTO HLTH CARE SYST, DEPT MED, 3801 MIRANDA AVE,
MAIL CODE 154J, PALO ALTO, CA 94304 (Reprint); STANFORD
UNIV, CTR DIGEST DIS, STANFORD, CA 94305; CLONTECH LABS,
PALO ALTO, CA 94303
COUNTRY OF AUTHOR: USA
SOURCE: JOURNAL OF CELL SCIENCE, (JUL 1999) Vol. 112, No. 13, pp.
2081-2090.
Publisher: COMPANY OF BIOLOGISTS LTD, BIDDER BUILDING
CAMBRIDGE COMMERCIAL PARK COWLEY RD, CAMBRIDGE CB4 4DL,
CAMBS, ENGLAND.
ISSN: 0021-9533.
DOCUMENT TYPE: Article; Journal
FILE SEGMENT: LIFE
LANGUAGE: English
REFERENCE COUNT: 64

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L12 ANSWER 88 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1999:731711 HCAPLUS
DOCUMENT NUMBER: 132:235775
TITLE: Antigens recognized by autologous **antibody**
in patients with renal-cell **carcinoma**
AUTHOR(S): Scanlan, Matthew J.; Gordan, John D.; Williamson,
Barbara; Stockert, Elisabeth; Bander, Neil H.;
Jongeneel, Victor; Gure, Ali O.; Jager, Dirk; Jager,
Elke; Knuth, Alexander; Chen, Yao-Tseng; Old, Lloyd J.
CORPORATE SOURCE: New York Branch at Memorial Sloan-Kettering Cancer
Center, Ludwig Institute for Cancer Research, New
York, NY, 10021, USA
SOURCE: International Journal of Cancer (1999), 83(4), 456-464
CODEN: IJCNWA; ISSN: 0020-7136
PUBLISHER: Wiley-Liss, Inc.
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 89 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1998:728573 HCAPLUS
DOCUMENT NUMBER: 130:1190
TITLE: Biochemical and genetic characterization of mammalian
protein phosphatases and **kinases**
INVENTOR(S): Plowman, Greg D.; Clary, Douglas; Jallal, Bahija;
Peles, Elior; Onrust, Susan; Markby, Dave;
Courtneidge, Sara A.; App, Harald; Hui, Terance H.
PATENT ASSIGNEE(S): Sugan, Inc., USA
SOURCE: PCT Int. Appl., 193 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	---	-----	-----	-----
WO 9849317	A2	19981105	WO 1998-US8439	19980427
WO 9849317	A3	19990225		
W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE,			
	DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG,			
	KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX,			
	NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT,			
	UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES,			
	FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI,			
	CM, GA, GN, ML, MR, NE, SN, TD, TG			

CA 2288221	AA	19981105	CA 1998-2288221	19980427
AU 9872600	A1	19981124	AU 1998-72600	19980427
EP 979288	A2	20000216	EP 1998-919919	19980427
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
JP 2002513289	T2	20020508	JP 1998-547244	19980427
US 2003073143	A1	20030417	US 1998-69228	19980427
US 6818440	B2	20041116		
US 6228641	B1	20010508	US 1998-81345	19980519
US 6342593	B1	20020129	US 1998-95443	19980610
US 2003095970	A1	20030522	US 1998-95478	19980610
US 6388063	B1	20020514	US 1998-99053	19980617
US 2002119501	A1	20020829	US 2001-822295	20010402
US 6844177	B2	20050118		
US 2003008347	A1	20030109	US 2001-20215	20011218
US 2004087783	A1	20040506	US 2002-126962	20020422
US 2004219139	A1	20041104	US 2004-849518	20040520
US 2004234540	A1	20041125	US 2004-849065	20040520
US 2005026184	A1	20050203	US 2004-849244	20040520
PRIORITY APPLN. INFO.:			US 1997-44428P	P 19970428
			US 1997-47222P	P 19970520
			US 1997-49477P	P 19970611
			US 1997-49756P	P 19970611
			US 1997-49914P	P 19970618
			US 1997-63595P	P 19971023
			US 1998-69228	A3 19980427
			WO 1998-US8439	W 19980427
			US 1998-81345	A3 19980519
			US 1998-95443	A3 19980610
			US 1998-99053	A3 19980617

L12 ANSWER 90 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1998:747855 HCAPLUS

DOCUMENT NUMBER: 130:109082

TITLE: Acceleration of lpr lymphoproliferative and autoimmune disease by transgenic protein **kinase** CK2 α

AUTHOR(S): Rifkin, Ian R.; Channavajhala, Padma L.; Kiefer, Heather L. B.; Carmack, Adrienne J.; Landesman-Bollag, Esther; Beaudette, Britte C.; Jersky, Brian; Salant, David J.; Ju, Shyr-Te; Marshak-Rothstein, Ann; Seldin, David C.

CORPORATE SOURCE: Department of Medicine, Medical Center, Boston University, Boston, MA, 02118, USA

SOURCE: Journal of Immunology (1998), 161(10), 5164-5170
CODEN: JOIMA3; ISSN: 0022-1767

PUBLISHER: American Association of Immunologists

DOCUMENT TYPE: Journal

LANGUAGE: English

REFERENCE COUNT: 46 THERE ARE 46 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 91 OF 104 MEDLINE on STN

ACCESSION NUMBER: 1998104154 MEDLINE

DOCUMENT NUMBER: PubMed ID: 9430710

TITLE: Disruption of fibronectin binding to the alpha 5 beta 1 integrin stimulates the **expression** of cyclin-dependent **kinases** and DNA synthesis through activation of extracellular signal-regulated **kinase**.

AUTHOR: Gong J; Ko T C; Brattain M G

CORPORATE SOURCE: Department of Biochemistry and Molecular Biology, Medical College of Ohio, Toledo 43699-0008, USA.

CONTRACT NUMBER: CA 38173 (NCI)

CA50457 (NCI)

CA64191 (NCI)

SOURCE: Journal of biological chemistry, (1998 Jan 16) 273 (3) 1662-9.

Journal code: 2985121R. ISSN: 0021-9258.

PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199802
ENTRY DATE: Entered STN: 19980224
Last Updated on STN: 19980224
Entered Medline: 19980212

L12 ANSWER 92 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1998:478866 HCAPLUS
DOCUMENT NUMBER: 130:137407
TITLE: ILK (β 1-integrin-linked protein **kinase**
) : a novel immunohistochemical marker for Ewing's
sarcoma and primitive neuroectodermal tumor
AUTHOR(S): Chung, Doo Hyun; Lee, Jong Im; Kook, Myeong Cherl;
Kim, Jeong Ran; Kim, Soon Ha; Choi, Eun Young; Park,
Seong Hoe; Song, H. G.
CORPORATE SOURCE: Department of Pathology, Seoul National University
College of Medicine, Seoul, S. Korea
SOURCE: Virchows Archiv (1998), 433(2), 113-117
CODEN: VARCEM; ISSN: 0945-6317
PUBLISHER: Springer-Verlag
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 24 THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 93 OF 104 MEDLINE on STN DUPLICATE 11

ACCESSION NUMBER: 1998156621 MEDLINE
DOCUMENT NUMBER: PubMed ID: 9496907
TITLE: Amplification and overexpression of the AKT2 oncogene in a
subset of **human** pancreatic ductal
adenocarcinomas.
AUTHOR: Ruggeri B A; Huang L; Wood M; Cheng J Q; Testa J R
CORPORATE SOURCE: Department of Pathology and Laboratory Medicine, Allegheny
University of the Health Sciences, Philadelphia,
Pennsylvania, USA.
CONTRACT NUMBER: CA 06927 (NCI)
CA 60735 (NCI)
SOURCE: Molecular carcinogenesis, (1998 Feb) 21 (2) 81-6.
Journal code: 8811105. ISSN: 0899-1987.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199803
ENTRY DATE: Entered STN: 19980326
Last Updated on STN: 19990129
Entered Medline: 19980318

L12 ANSWER 94 OF 104 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation
on STN

ACCESSION NUMBER: 96:911011 SCISEARCH
THE GENUINE ARTICLE: VW686
TITLE: Purification and identification of a 28-kDa
calcium-regulated heat-stable protein - A novel
secretagogue-regulated phosphoprotein in exocrine
pancreas
AUTHOR: Groblewski G E (Reprint); Wishart M J; Yoshida M; Williams
J A
CORPORATE SOURCE: UNIV MICHIGAN, SCH MED, DEPT PHYSIOL, 7737 MED SCI I, ANN
ARBOR, MI 48109 (Reprint); UNIV MICHIGAN, SCH MED, DEPT
INTERNAL MED, ANN ARBOR, MI 48109
COUNTRY OF AUTHOR: USA
SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (6 DEC 1996) Vol. 271,
No. 49, pp. 31502-31507.

Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC,
9650 ROCKVILLE PIKE, BETHESDA, MD 20814.

ISSN: 0021-9258.

DOCUMENT TYPE: Article; Journal
FILE SEGMENT: LIFE
LANGUAGE: English
REFERENCE COUNT: 24

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L12 ANSWER 95 OF 104 MEDLINE on STN DUPLICATE 12
ACCESSION NUMBER: 96291892 MEDLINE
DOCUMENT NUMBER: PubMed ID: 8663343
TITLE: Reduced **expression** of transforming growth factor
beta type I receptor contributes to the malignancy of
human colon carcinoma cells.
AUTHOR: Wang J; Han W; Zborowska E; Liang J; Wang X; Willson J K;
Sun L; Brattain M G
CORPORATE SOURCE: Department of Biochemistry and Molecular Biology, Medical
College of Ohio, Toledo, Ohio 43699, USA.
CONTRACT NUMBER: CA38173 (NCI)
CA50457 (NCI)
CA63480 (NCI)
+
SOURCE: Journal of biological chemistry, (1996 Jul 19) 271 (29)
17366-71.
Journal code: 2985121R. ISSN: 0021-9258.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199609
ENTRY DATE: Entered STN: 19960919
Last Updated on STN: 19970203
Entered Medline: 19960912

L12 ANSWER 96 OF 104 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
STN
ACCESSION NUMBER: 1996:484539 BIOSIS
DOCUMENT NUMBER: PREV199699199795
TITLE: **Cloning** and characterization of GRB14, a novel
member of the GRB7 gene family.
AUTHOR(S): Daly, Roger J. [Reprint author]; Sanderson, Georgina M.;
Janes, Peter W.; Sutherland, Robert L.
CORPORATE SOURCE: Cancer Biol. Div., Garvan Inst. Med. Res., St. Vincent's
Hosp., Sydney, NSW 2010, Australia
SOURCE: Journal of Biological Chemistry, (1996) Vol. 271, No. 21,
pp. 12502-12510.
CODEN: JBCHA3. ISSN: 0021-9258.
DOCUMENT TYPE: Article
LANGUAGE: English
OTHER SOURCE: EMBL-L76687; Genbank-L76687
ENTRY DATE: Entered STN: 24 Oct 1996
Last Updated on STN: 10 Dec 1996

L12 ANSWER 97 OF 104 MEDLINE on STN DUPLICATE 13
ACCESSION NUMBER: 96408105 MEDLINE
DOCUMENT NUMBER: PubMed ID: 8813150
TITLE: Estradiol activation of **human colon**
carcinoma-derived Caco-2 cell growth.
AUTHOR: Di Domenico M; Castoria G; Bilancio A; Migliaccio A;
Auricchio F
CORPORATE SOURCE: II Cattedra di Patologia Generale, Facolta di Medicina e
Chirurgia, II Universita di Napoli, Italy.
SOURCE: Cancer research, (1996 Oct 1) 56 (19) 4516-21.
Journal code: 2984705R. ISSN: 0008-5472.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English

FILE SEGMENT: Priority Journals
ENTRY MONTH: 199611
ENTRY DATE: Entered STN: 19961219
Last Updated on STN: 20000303
Entered Medline: 19961121

L12 ANSWER 98 OF 104 MEDLINE on STN DUPLICATE 14
ACCESSION NUMBER: 97099431 MEDLINE
DOCUMENT NUMBER: PubMed ID: 8944008
TITLE: Antitumor activity of combined blockade of epidermal growth factor receptor and protein **kinase** A.
AUTHOR: Ciardiello F; Damiano V; Bianco R; Bianco C; Fontanini G; De Laurentiis M; De Placido S; Mendelsohn J; Bianco A R; Tortora G
CORPORATE SOURCE: Dipartimento di Endocrinologia e Oncologia Molecolare e Clinica, Universita degli Studi di Napoli Federico II, Naples, Italy.
SOURCE: Journal of the National Cancer Institute, (1996 Dec 4) 88 (23) 1770-6.
Journal code: 7503089. ISSN: 0027-8874.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199612
ENTRY DATE: Entered STN: 19970128
Last Updated on STN: 20000303
Entered Medline: 19961223

L12 ANSWER 99 OF 104 LIFESCI COPYRIGHT 2005 CSA on STN
ACCESSION NUMBER: 97:21268 LIFESCI
TITLE: Thrombin enhances the adhesion and migration of **human colon** adenocarcinoma cells via increased beta sub(3)-integrin **expression** on the tumour cell surface and their inhibition by the snake venom peptide, rhodostomin
AUTHOR: Chiang, H.-S.; Yang, R.-S.; Huang, T.-F.*
CORPORATE SOURCE: Pharmacol. Inst., Coll. Med., Natl. Taiwan Univ., No. 1, Sec. 1, Jen-Ai Rd., Taipei, Taiwan
SOURCE: BR. J. CANCER, (1996) vol. 73, no. 7, pp. 902-908.
ISSN: 0007-0920.
DOCUMENT TYPE: Journal
FILE SEGMENT: X; B
LANGUAGE: English
SUMMARY LANGUAGE: English

L12 ANSWER 100 OF 104 MEDLINE on STN
ACCESSION NUMBER: 96309501 MEDLINE
DOCUMENT NUMBER: PubMed ID: 8732668
TITLE: Protein **kinase** C beta 1 and protein **kinase** C beta 2 activate p57 mitogen-activated protein **kinase** and block differentiation in **colon carcinoma** cells.
AUTHOR: Sauma S; Yan Z; Ohno S; Friedman E
CORPORATE SOURCE: Memorial Sloan-Kettering Cancer Center, New York, New York 10021, USA.
CONTRACT NUMBER: RO1 CA45783 (NCI)
RO1 CA67405 (NCI)
SOURCE: Cell growth & differentiation : molecular biology journal of the American Association for Cancer Research, (1996 May) 7 (5) 587-94.
Journal code: 9100024. ISSN: 1044-9523.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199610
ENTRY DATE: Entered STN: 19961219

L12 ANSWER 101 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1995:543568 HCAPLUS
DOCUMENT NUMBER: 122:285539
TITLE: A **serine/threonine** protein
kinase that phosphorylates the N-terminal
activation domain of the c-jun protein
INVENTOR(S): Karin, Michael; Davis, Roger; Hibi, Masahiko; Lin,
Anning; Derijard, Benoit
PATENT ASSIGNEE(S): University of California, USA; University of
Massachusetts
SOURCE: PCT Int. Appl., 142 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 5
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9503323	A1	19950202	WO 1994-US8119	19940718
W:	AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, ES, FI, GB, GE, HU, JP, KE, KG, KP, KR, KZ, LK, LT, LU, LV, MD, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SI, SK, TJ, TT, UA, US, UZ, VN			
RW:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
US 5534426	A	19960709	US 1993-94533	19930719
US 6514745	B1	20030204	US 1994-220602	19940325
AU 9473380	A1	19950220	AU 1994-73380	19940718
AU 700137	B2	19981224		
EP 726908	A1	19960821	EP 1994-923544	19940718
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE			
JP 09507384	T2	19970729	JP 1995-505262	19940718
JP 2925740	B2	19990728		
CA 2166981	C	20001107	CA 1994-2166981	19940718
PRIORITY APPLN. INFO.:			US 1993-94533	A 19930719
			US 1994-220602	A 19940325
			WO 1994-US8119	W 19940718

L12 ANSWER 102 OF 104 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation
on STN

ACCESSION NUMBER: 95:511084 SCISEARCH
THE GENUINE ARTICLE: RK957
TITLE: A **HUMAN** HOMOLOG OF THE DROSOPHILA
TUMOR-SUPPRESSOR GENE L(2)GL MAPS TO 17P11.2-12 AND CODES
FOR A CYTOSKELETAL PROTEIN THAT ASSOCIATES WITH NONMUSCLE
MYOSIN-II HEAVY-CHAIN
AUTHOR: STRAND D (Reprint); UNGER S; CORVI R; HARTENSTEIN K;
SCHENKEL H; KALMES A; MERDES G; NEUMANN B; KRIEGSCHNEIDER
F; COY J F; POUSTKA A; SCHWAB M; MECHLER B M
CORPORATE SOURCE: DEUTSCH KREBSFORSCHUNGSZENTRUM, DEPT DEV GENET,
NEUENHEIMER FELD 280, D-69120 HEIDELBERG, GERMANY
(Reprint); DEUTSCH KREBSFORSCHUNGSZENTRUM, DEPT CYTOGENET,
D-69120 HEIDELBERG, GERMANY; DEUTSCH
KREBSFORSCHUNGSZENTRUM, DEPT MOLEC GENOME ANAL, D-69120
HEIDELBERG, GERMANY; UNIV WURZBURG, INST MED RADIAT & CELL
RES, D-97078 WURZBURG, GERMANY; MED CLIN 3, D-68305
MANNHEIM, GERMANY
COUNTRY OF AUTHOR: GERMANY
SOURCE: ONCOGENE, (20 JUL 1995) Vol. 11, No. 2, pp. 291-301.
ISSN: 0950-9232.
DOCUMENT TYPE: Article; Journal
FILE SEGMENT: LIFE
LANGUAGE: ENGLISH
REFERENCE COUNT: 61
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L12 ANSWER 103 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 1994:695693 HCAPLUS
 DOCUMENT NUMBER: 121:295693
 TITLE: Identification, assay, and purification of a
 Cdc2-activating **threonine**-161 protein
kinase from **human** cells
 AUTHOR(S): Williams, Richard T.; Wu, Lingtao; Carbonaro-Hall,
 Denise A.; Hall, Frederick L.
 CORPORATE SOURCE: Res. Inst. Childrens Hospital, University of Southern
 California Sch. Med., Los Angeles, CA, 90027, USA
 SOURCE: Archives of Biochemistry and Biophysics (1994),
 314(1), 99-106
 CODEN: ABBIA4; ISSN: 0003-9861
 DOCUMENT TYPE: Journal
 LANGUAGE: English

L12 ANSWER 104 OF 104 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 1990:438157 HCAPLUS
 DOCUMENT NUMBER: 113:38157
 TITLE: p180, A novel recycling transmembrane glycoprotein
 with restricted cell type **expression**
 AUTHOR(S): Isacke, Clare M.; Van der Geer, Peter; Hunter, Tony;
 Trowbridge, Ian S.
 CORPORATE SOURCE: Imp. Coll. Sci. Technol., Univ. London, London, SW7
 2AZ, UK
 SOURCE: Molecular and Cellular Biology (1990), 10(6), 2606-18
 CODEN: MCEBD4; ISSN: 0270-7306
 DOCUMENT TYPE: Journal
 LANGUAGE: English

=> e yan c/au

E1	1	YAN BUYU/AU
E2	1	YAN BY ZHANQING/AU
E3	1108 -->	YAN C/AU
E4	3	YAN C B/AU
E5	124	YAN C C/AU
E6	11	YAN C C S/AU
E7	3	YAN C CHAN/AU
E8	16	YAN C D/AU
E9	1	YAN C D L/AU
E10	28	YAN C F/AU
E11	54	YAN C G/AU
E12	489	YAN C H/AU

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L13 1108 "YAN C"/AU

=> e li z/au

E1	5	LI YY/AU
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E3	9066 -->	LI Z/AU
E4	1	LI Z */AU
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E6	378	LI Z B/AU
E7	2	LI Z BRYAN/AU
E8	653	LI Z C/AU
E9	2	LI Z C H/AU
E10	1	LI Z CH/AU
E11	156	LI Z D/AU
E12	1	LI Z DA/AU

=> s e3'

MISMATCHED QUOTE 'E3''

Quotation marks (or apostrophes) must be used in pairs,
 one before and one after the expression you are setting
 off or masking.

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=> s e3
L14      9066 "LI Z"/AU

=> e neelam b/au
E1         2      NEELAM AGGARWAL/AU
E2        18      NEELAM ANIL/AU
E3       44 --> NEELAM B/AU
E4         2      NEELAM B S/AU
E5       21      NEELAM BEENA/AU
E6         1      NEELAM BENA/AU
E7         2      NEELAM BHARTI/AU
E8         1      NEELAM F/AU
E9         2      NEELAM G/AU
E10        1      NEELAM G S/AU
E11        2      NEELAM J R/AU
E12        2      NEELAM JALIL N S/AU

=> s e3-e5
L15      67 ("NEELAM B"/AU OR "NEELAM B S"/AU OR "NEELAM BEENA"/AU)
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E2         1      DIFRANCESCO U M/AU
E3       100 --> DIFRANCESCO V/AU
E4        17      DIFRANCESCO VALENTINA/AU
E5         1      DIFRANCESCO L/AU
E6         1      DIFRANCESCO D/AU
E7         2      DIFRANCESCO L/AU
E8         1      DIFRANCESCO R/AU
E9         1      DIFRANCESCO ROBIN/AU
E10        1      DIFRANCESCO L/AU
E11        6      DIFRANCIA C/AU
E12        4      DIFRANCIA CELENE/AU
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L16     117 ("DIFRANCESCO V"/AU OR "DIFRANCESCO VALENTINA"/AU)
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E2         6      BEASLEY E L/AU
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E4         7      BEASLEY E O/AU
E5         1      BEASLEY E S G/AU
E6         2      BEASLEY E T/AU
E7         4      BEASLEY E W/AU
E8         2      BEASLEY E W 3RD/AU
E9         2      BEASLEY E W III/AU
E10        1      BEASLEY E W JR/AU
E11        1      BEASLEY EDWARD E/AU
E12        1      BEASLEY EDWARD EVANS/AU
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=> s e3
L17     322 "BEASLEY E M"/AU
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=> d his
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(FILE 'HOME' ENTERED AT 14:05:42 ON 11 MAR 2005)

FILE 'MEDLINE, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH, HCAPLUS, NTIS, LIFESCI' ENTERED AT 14:06:16 ON 11 MAR 2005

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L1      429546 S SERINE OR THREONINE
L2     1294681 S KINASE?
L3     106768 S L1 AND L2
L4     6967563 S CLON? OR EXPRESS? OR RECOMBINANT
L5      54756 S L3 AND L4
L6     2953627 S ANTIBOD? OR "FAB" OR "FV" OR "F(AB')2"
L7      6159 S L5 AND L6
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L8 1933770 S NEROBLASTOMA OR CARCINOMA OR RHABDOMYOSARCOMA OR LYMPHOMA OR
 L9 515 S L7 AND L8
 L10 443 S HUMAN AND L9
 L11 126 S L10 AND (BRAIN OR CERVIX OR PANCREAS OR COLON OR KIDNEY)
 L12 104 DUP REM L11 (22 DUPLICATES REMOVED)
 E YAN C/AU
 L13 1108 S E3
 E LI Z/AU
 L14 9066 S E3
 E NEELAM B/AU
 L15 67 S E3-E5
 E DIFRANCESCO V/AU
 L16 117 S E3-E4
 E BEASLEY E M/AU
 L17 322 S E3

=> s l13 or l14 or l15 or l16 or l17

L18 10533 L13 OR L14 OR L15 OR L16 OR L17

=> s l10 and l18

L19 3 L10 AND L18

=> dup rem l19

PROCESSING COMPLETED FOR L19

L20 3 DUP REM L19 (0 DUPLICATES REMOVED)

=> d 1-3 ibib ab

L20 ANSWER 1 OF 3 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2003:356461 HCAPLUS

DOCUMENT NUMBER: 138:363915

TITLE: Protein and cDNA and genomic sequences of a
human serine/threonine

protein **kinase** sequence homolog, its tissue
expression, SNPs, and therapeutic use

INVENTOR(S): **Neelam, Beena**; Milshina, Natalia; Yan,
 Chunhua; Di Francesco, Valentina; Beasley, Ellen M.;
 Ketchum, Karen

PATENT ASSIGNEE(S): Applera Corporation, USA

SOURCE: PCT Int. Appl., 169 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003037910	A2	20030508	WO 2002-US34708	20021030
WO 2003037910	A3	20031030		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
 CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
 GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
 LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
 PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
 UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
 KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,
 FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF,
 CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

US 2003119037	A1	20030626	US 2002-283247	20021030
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EP 1451311	A2	20040901	EP 2002-802490	20021030
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R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK

PRIORITY APPLN. INFO.: US 2001-330756P P 20011030

WO 2002-US34708 W 20021030

AB The invention provides protein and cDNA and genomic sequences for a new
human serine/threonine protein **kinase**

sequence homolog. In addition, its functional domains and protein motifs are analyzed based on sequence homol. anal. Exptl. data of tissue **expression** indicates its **expression** in brain (including medulla, anaplastic oligodendroglioma, glioblastoma, and fetal brain), eye (retinoblastoma), liver (adenocarcinoma), germ cell tumors, epid tumor, and lung (small cell **carcinoma**). The gene is located on chromosome 11. SNPs, including insertion and deletion variants are identified.

L20 ANSWER 2 OF 3 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2003:874888 HCAPLUS
DOCUMENT NUMBER: 139:359923
TITLE: Protein and cDNA and genomic sequences of a **human protein serine/threonine kinase** (phosphorylating) sequence homolog, its tissue **expression**, SNPs, and therapeutic use
INVENTOR(S): **Neelam, Beena**; Yan, Xianghe; Yan, Chunhua
PATENT ASSIGNEE(S): Applera Corporation, USA
SOURCE: U.S. Pat. Appl. Publ., 128 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003207311	A1	20031106	US 2003-427923	20030502
CA 2483520	AA	20031127	CA 2003-2483520	20030505
WO 2003097793	A2	20031127	WO 2003-US13987	20030505
WO 2003097793	A3	20040311		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1499740	A2	20050126	EP 2003-752996	20030505
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
PRIORITY APPLN. INFO.:				
			US 2002-377592P	P 20020506
			US 2003-427923	A 20030502
			WO 2003-US13987	W 20030505

AB The invention provides protein and cDNA and genomic sequences for a new **human protein serine/threonine kinase** (phosphorylating) sequence homolog. Exptl. data indicates protein **serine/threonine kinase** (phosphorylating) sequence homolog gene **expression** in lung squamous cell **carcinoma** and large cell **carcinoma**, kidney, B-cell chronic lymphatic leukemia, kidney tumors, breast, ovary fibrotheoma, brain anaplastic oligodendroglioma, head, stomach, testis embryonal **carcinoma**, and **lymphoma**. In addition, its functional domains and protein motifs are analyzed based on sequence homol. anal. The protein **serine/threonine kinase** (phosphorylating) gene is located on chromosome X. SNPs, including insertion and deletion variants are identified at 57 different nucleotide positions.

L20 ANSWER 3 OF 3 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2002:941845 HCAPLUS
DOCUMENT NUMBER: 138:21334
TITLE: Protein, gene and cDNA sequences of a novel **human protein kinase** related to

serine/threonine kinase
and their uses in drug screening
Yan, Chunhua; Li, Zhenya; **Neelam, Beena;**
Difrancesco, Valentina; Beasley, Ellen M.
PE Corporation (Ny), USA
U.S., 107 pp.
CODEN: USXXAM

INVENTOR(S) :

PATENT ASSIGNEE(S) :

SOURCE:

DOCUMENT TYPE:

LANGUAGE:

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6492156	B1	20021210	US 2001-984890	20011031
US 2003232408	A1	20031218	US 2002-274194	20021021
US 6706511	B2	20040316		
WO 2003038115	A2	20030508	WO 2002-US34869	20021031
WO 2003038115	A3	20040122		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
EP 1451310	A2	20040901	EP 2002-793863	20021031
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK			
US 2004137499	A1	20040715	US 2004-760407	20040121
PRIORITY APPLN. INFO.:			US 2001-984890	A3 20011031
			US 2002-274194	A3 20021021
			WO 2002-US34869	W 20021031

AB The invention provides protein, cDNA and genomic sequences for a novel **human protein kinase** related to **serine/threonine kinase**. Specifically, a virtual northern blot shows **serine/threonine kinase** gene **expression** in brain (neuroblastoma), lung (small cell **carcinoma**), muscle (**rhabdomyosarcoma**), lymph (Burkitt **lymphoma**), ovary tumor, placenta (normal and choriocarcinoma), colon (normal, adenocarcinoma, and colon tumor), kidney (renal cell adenocarcinoma), breast, cervix (**carcinoma**), uterus tumor, pancreas (pancreatic islet), a pooled colon/kidney/stomach sample, and a pooled pancreas/spleen sample. Twenty eight single nucleotide polymorphism has been found on **serine/threonine kinase** gene that has been mapped to chromosome 11. The invention also relates to screening modulator of **serine/threonine kinase** and their uses in therapy. The invention further relates to methods, vector and hosts for **expression** of **serine/threonine kinase**.

REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d his

(FILE 'HOME' ENTERED AT 14:05:42 ON 11 MAR 2005)

FILE 'MEDLINE, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH, HCAPLUS, NTIS, LIFESCI' ENTERED AT 14:06:16 ON 11 MAR 2005

L1 429546 S SERINE OR THREONINE
L2 1294681 S KINASE?
L3 106768 S L1 AND L2
L4 6967563 S CLON? OR EXPRESS? OR RECOMBINANT
L5 54756 S L3 AND L4

L6 2953627 S ANTIBOD? OR "FAB" OR "FV" OR "F(AB')2"
 L7 6159 S L5 AND L6
 L8 1933770 S NEROBLASTOMA OR CARCINOMA OR RHABDOMYOSARCOMA OR LYMPHOMA OR
 L9 515 S L7 AND L8
 L10 443 S HUMAN AND L9
 L11 126 S L10 AND (BRAIN OR CERVIX OR PANCREAS OR COLON OR KIDNEY)
 L12 104 DUP REM L11 (22 DUPLICATES REMOVED)
 E YAN C/AU
 L13 1108 S E3
 E LI Z/AU
 L14 9066 S E3
 E NEELAM B/AU
 L15 67 S E3-E5
 E DIFRANCESCO V/AU
 L16 117 S E3-E4
 E BEASLEY E M/AU
 L17 322 S E3
 L18 10533 S L13 OR L14 OR L15 OR L16 OR L17
 L19 3 S L10 AND L18
 L20 3 DUP REM L19 (0 DUPLICATES REMOVED)

=> s l18 and l7

L21 7 L18 AND L7

=> dup rem l21

PROCESSING COMPLETED FOR L21

L22 6 DUP REM L21 (1 DUPLICATE REMOVED)

=> d 1-6 ibib ab

L22 ANSWER 1 OF 6 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
 DUPLICATE 1

ACCESSION NUMBER: 2004-11100 BIOTECHDS

TITLE: Novel human **kinase** protein, related to
serine/threonine kinase
 subfamily, useful as model for developing human therapeutic
 targets and serves as target for human therapeutics;
 vector-mediated protein-**kinase** gene transfer and
expression in host cell for **recombinant**
 protein production, drug screening and gene therapy

AUTHOR: **NEELAM B**; YAN X; **YAN C**

PATENT ASSIGNEE: APPLERA CORP

PATENT INFO: US 2003207311 6 Nov 2003

APPLICATION INFO: US 2003-427923 2 May 2003

PRIORITY INFO: US 2003-427923 2 May 2003; US 2002-377592 6 May 2002

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: WPI: 2004-166978 [16]

AB DERWENT ABSTRACT:

NOVELTY - An isolated human **kinase** peptide (I) that is related
 to **serine/threonine kinase** subfamily,
 consisting or comprising a fully defined sequence of 318 amino acids (S2)
 as given in the specification, or its fragment comprising 10 contiguous
 amino acids, or an amino acid sequence of an allelic variant or ortholog
 of the amino acid sequence of (S2), is new.

DETAILED DESCRIPTION - An isolated human **kinase** peptide
 (I) that is related to **serine/threonine**
kinase subfamily, consisting or comprising: (a) a fully defined
 sequence of 318 amino acids (S2) as given in the specification, or its
 fragment comprising 10 contiguous amino acids; (b) an amino acid sequence
 of an allelic variant or ortholog of the amino acid sequence of (S2),
 where the allelic variant or ortholog is encoded by a nucleic acid
 molecule that hybridizes under stringent conditions to the opposite
 strand of a nucleic acid molecule having a fully defined sequence of 957
 (S1) (a cDNA molecule) or 105413 (genomic sequence) nucleotides (S3) as
 given in the specification; or (c) a fragment of an amino acid sequence
 of (S2), comprising 10 contiguous amino acids. The isolated human
kinase peptide variant has an amino acid sequence that shares 70%

homology with (S2). INDEPENDENT CLAIMS are also included for the following: (1) an isolated **antibody** (II) that selectively binds to (I) comprising the amino acid sequence of (S2), its allelic variant or ortholog, or fragment; (2) an isolated nucleic acid molecule (III) consisting or comprising of a nucleotide sequence that encodes (I) or a nucleotide sequence that is complement of the nucleotide sequence encoding (I), where allelic variant of (III) encoding a human **kinase** peptide shares at least 80% homology with (S1) or (S3); (3) a gene chip comprising (III) that comprises a nucleotide sequence encoding (I), or its complement; (4) a transgenic non-human animal comprising (III) that comprises a nucleotide sequence encoding (I), or its complement; (5) a nucleic acid vector (IV) comprising (III) that comprises a nucleotide sequence encoding (I), or its complement; (6) a host cell comprising (IV); (7) preparation of (I); (8) detecting the presence of (I) in a sample involves contacting the sample with a detection agent that specifically allows detection of the presence of the peptide in the sample; (9) detecting the presence of (III) in a sample involves contacting the sample with an oligonucleotide that hybridizes to the nucleic acid molecule under stringent conditions and determining whether an oligonucleotide binds to the nucleic acid molecule in the sample; and (10) a pharmaceutical composition (V) comprising an agent that binds to (I), and identified using (I) (comprising a sequence of (S2), its allelic variant or ortholog or fragment), and a carrier; and (11) a method for identifying a modulator of a human **kinase** peptide, comprising administering the agent to a host cell comprising an **expression** vector that **expresses** the peptide, optionally involves contacting a cell **expressing** the peptide with an agent, and determining if the agent has modulated the **expression** of the peptide.

WIDER DISCLOSURE - The following are disclosed: (1) chimeric or fusion proteins comprising (I); (2) agents identified using screening methods involving (I); (3) non-coding fragments of a nucleic acid molecule having a sequence of (S1) or (S3); (4) kit comprising (II) for detecting (I) comprising an amino acid sequence of (S2), its allelic variant or ortholog or fragment; (5) kits for detecting the presence of nucleic acid encoding **kinase** peptide in a biological sample; (6) analogs or derivatives of (I); and (7) compartmentalized kits comprising necessary reagents for carrying out the above mentioned assays.

BIOTECHNOLOGY - Preparation: (I) is prepared by standard **recombinant** techniques (claimed). Preferred Molecules: The allelic variants of (I) and (III) preferably share 90% homology with (S2), and (S1) or (S3), respectively.

ACTIVITY - None given.

MECHANISM OF ACTION - Gene therapy; (I) **expression** or activity modulator. No supporting biological data is given.

USE - (I) comprising an amino acid sequence of (S2), its allelic variant or ortholog or fragment, is useful for identifying a modulator of a human **kinase** peptide. (I) comprising an amino acid sequence of (S2), its allelic variant or ortholog or fragment is also useful for identifying an agent that binds to it. (V) is useful for treating a disease or condition mediated by human **kinase** peptide (all claimed). (I) and (III) can be used as models for the development of human therapeutic targets, aid in the identification of therapeutic proteins and serve as targets for the development of human therapeutic agents that modulate **kinase** activity in cells and tissue that **express** the **kinase**. (I) and (III) can be used as a query sequence to perform a search against sequence databases to, identify other family members or related sequences. (I) is used to raise **antibodies** or to elicit another immune response, as a reagent in assays designed to quantitatively determine levels of the protein in biological fluids, and as markers for tissues in which the corresponding protein is preferentially **expressed**. (II) is useful for isolating (I), purifying (I), and to assess **expression** of (I) in active stages of a disease, or in an individual with a predisposition towards disease related to the protein's function. The **antibodies** are also useful for assessing normal and aberrant subcellular localization of cells in various tissues in an organism, in

pharmacogenomic analysis, for tissue typing and for inhibiting protein function. (III) is useful as probes, primers, chemical intermediates and in biological assays. The nucleic acid molecules are useful for constructing **recombinant** vectors, host cells and transgenic animals, and for designing ribozymes. The nucleic acids are also useful in drug screening assays and as a target for treatment by the compounds identified through drug screening. The nucleic acid molecules are also useful for monitoring effectiveness of modulating compounds on the **expression** or activity of **kinase** gene in clinical trials or in treatment regimen, and for testing an individual for a genotype that while not necessarily causing the disease nevertheless affects the treatment modality. The nucleic acid molecules are also useful in diagnostic assays for qualitative changes in **expression** of nucleic acid encoding **kinase** and particularly in qualitative changes that lead to pathology. The nucleic acid molecules can be used to detect mutations in genes encoding **kinases** and gene **expression** products such as mRNA. Detection of mutated form of gene encoding **kinase** associated with a dysfunction provides a diagnostic tool for a active disease or susceptibility to disease which results from overexpression, underexpression or altered **expression** of **kinase** protein. (III) also provides vectors for gene therapy in patients with aberrant **expression** of gene encoding **kinase**.

EXAMPLE - None given. (128 pages)

L22 ANSWER 2 OF 6 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2003:356461 HCAPLUS
DOCUMENT NUMBER: 138:363915
TITLE: Protein and cDNA and genomic sequences of a human **serine/threonine** protein **kinase** sequence homolog, its tissue **expression**, SNPs, and therapeutic use
INVENTOR(S): **Neelam, Beena**; Milshina, Natalia; Yan, Chunhua; Di Francesco, Valentina; Beasley, Ellen M.; Ketchum, Karen
PATENT ASSIGNEE(S): Applera Corporation, USA
SOURCE: PCT Int. Appl., 169 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003037910	A2	20030508	WO 2002-US34708	20021030
WO 2003037910	A3	20031030		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
US 2003119037	A1	20030626	US 2002-283247	20021030
EP 1451311	A2	20040901	EP 2002-802490	20021030
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK			
PRIORITY APPLN. INFO.:			US 2001-330756P	P 20011030
			WO 2002-US34708	W 20021030

AB The invention provides protein and cDNA and genomic sequences for a new human **serine/threonine** protein **kinase** sequence homolog. In addition, its functional domains and protein motifs are analyzed based on sequence homol. anal. Exptl. data of tissue **expression** indicates its **expression** in brain (including

medulla, anaplastic oligodendroglioma, glioblastoma, and fetal brain), eye (retinoblastoma), liver (adenocarcinoma), germ cell tumors, epid tumor, and lung (small cell carcinoma). The gene is located on chromosome 11. SNPs, including insertion and deletion variants are identified.

L22 ANSWER 3 OF 6 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN

ACCESSION NUMBER: 2003-01882 BIOTECHDS

TITLE: New peptides related to **serine/threonine** protein **kinase** subfamily, useful for treating disorders associated with abnormal **expression** of **kinase** in prostate, lungs and brain, in drug screening assays and pharmacogenomic analysis; **recombinant** protein production and sense and antisense sequence use in gene therapy

AUTHOR: **BEASLEY E M**; YE J; **YAN C**; KETCHUM K A; DI FRANCESCO V

PATENT ASSIGNEE: PE CORP NY

PATENT INFO: WO 2002059288 1 Aug 2002

APPLICATION INFO: WO 2002-US930 15 Jan 2002

PRIORITY INFO: US 2001-819607 29 Mar 2001; US 2001-263162 23 Jan 2001

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: WPI: 2002-599781 [64]

AB DERWENT ABSTRACT:

NOVELTY - Isolated peptide (I) comprising: (a) a fully defined sequence of 369 amino acids (P1), given in the specification; (b) an allelic variant or ortholog of (P1) encoded by a nucleic acid molecule that hybridizes under stringent conditions to the opposite strand of the nucleic acid molecule comprising a fully defined sequence of 1864 (S1) or 25603 (S2) bp, given in the specification; or (c) a fragment of (P1) comprising at least 10 contiguous amino acids, is new.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for: (1) an isolated **antibody** that selectively binds to (I); (2) an isolated nucleic acid molecule (II) comprising a sequence encoding (I), or its complement; (3) a gene chip comprising (II); (4) a transgenic non-human animal comprising (II); (5) a nucleic acid vector comprising (II); (6) a host cell containing the vector; (7) producing (I), comprising: (a) introducing a nucleotide sequence encoding the amino acid sequence of (I) into a host cell; and (b) culturing the host cell under conditions suitable for the **expression** of the peptide from the nucleotide sequence; (8) detecting the presence of (I) in a sample, comprising contacting the sample with a detection agent that specifically allows detection of the presence of the peptide in the sample then detecting the presence of the peptide; (9) detecting the presence of (II) in a sample, comprising: (a) contacting the sample with an oligonucleotide that hybridizes to (II) under stringent conditions; and (b) determining whether the oligonucleotide binds to (II) in the sample; (10) identifying a modulator of (I) or its **expression**, comprising contacting (I) or a cell **expressing** (I) with an agent and determining if the agent modulated the function or activity, or **expression** of the peptide; (11) identifying an agent that binds to (I), comprising contacting the peptide with an agent and assaying the contacted mixture to determine whether a complex is formed with the agent bound to the peptide; (12) a pharmaceutical composition comprising the agent and a carrier; (13) treating a disease or condition mediated by human **kinase** protein, comprising administering to a patient the agent; (14) an isolated human **kinase** peptide comprising a sequence that is at least 70% identical to a (P1); (15) an isolated nucleic acid molecule encoding a human **kinase** peptide, which is at least 80% identical to (S1) or (S2).

BIOTECHNOLOGY - Preferred Method: Identifying a modulator of (I) comprises administration of the agent to a host cell containing the vector that **expresses** (I). Preferred Peptide: The human **kinase** peptide is preferably 90% identical to (P1). Preferred Nucleic Acid: The nucleic acid molecule in (15) is preferably 90% identical to (S1) or (S2).

ACTIVITY - Cytostatic. No suitable data given.

MECHANISM OF ACTION - Protein **kinase**; Gene therapy.

USE - (I) are useful in substantial and specific assays related to functional information of the peptide sequences, to raise **antibodies** or to elicit immune response, as reagents in assays to determine the levels of protein in biological fluids, and as markers for tissues where the corresponding protein is **expressed**. The peptides and **antibodies** are useful in drug screening assays, tissue typing and pharmacogenomic analysis. They are also useful in treating disorders associated with the absence of, inappropriate, or unwanted **expression** of **kinase** protein in prostate, lungs or brain. The nucleic acid molecules are useful for probes, primers and chemical intermediates in biological assays, for constructing **recombinant** vectors, **expressing** antigenic portions of the protein. The peptide and nucleic acid sequences are useful as models for the development of human therapeutic targets, aid in the identification of therapeutic proteins and serve as targets for the development of human therapeutic agents that modulate **kinase** activity in cells and tissues that **express** the **kinase**. The host cells are useful in producing a **kinase** protein or peptide, and non-human transgenic animals.

EXAMPLE - No suitable example given. (86 pages)

L22 ANSWER 4 OF 6 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN

ACCESSION NUMBER: 2002-12722 BIOTECHDS

TITLE: A human **kinase** protein that is related to the **serine/threonine kinase** subfamily, useful as models for development of human therapeutic targets and serves as targets for developing human therapeutic agents;
antibody, DNA chip, transgenic animal generation, fusion protein, drug screening, DNA probe, DNA primer and ribozyme, useful for gene therapy, diagnosis, pharmacogenomics analysis, clinical trial and **expression** profiling

AUTHOR: WEBSTER M; LI Z; KETCHUM K A; DI FRANCESCO V;
BEASLEY E M

PATENT ASSIGNEE: APPLERA CORP

PATENT INFO: WO 2002018553 7 Mar 2002

APPLICATION INFO: WO 2000-US26260 31 Aug 2000

PRIORITY INFO: US 2001-797908 5 Mar 2001

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: WPI: 2002-304251 [34]

AB DERWENT ABSTRACT:

NOVELTY - An isolated human **kinase** protein (I) that is related to **serine/threonine kinase** subfamily, consisting of or comprising a fully defined 328 (S2) or 135 (S5) amino acid sequence given in the specification, or its fragment comprising 10 contiguous amino acids, or an amino acid sequence of an allelic variant or ortholog of the amino acid sequence of (S2) or (S5), is new.

DETAILED DESCRIPTION - (I) consists or comprises of: an amino acid sequence of (S2) or (S5); an amino acid sequence of an allelic variant or an ortholog of (S2) or (S5), where the allelic variant or ortholog is encoded by a nucleic acid molecule that hybridizes under stringent conditions to the opposite strand of a nucleic acid molecule having a fully defined 990 (S1) or 408 nucleotide (S3) sequence given in the specification; a fragment of an amino acid sequence of (S2) or (S5), comprising 10 contiguous amino acids. The isolated human **kinase** variant has an amino acid sequence that shares 70% homology with (S2) or (S5). INDEPENDENT CLAIMS are also included for the following: (1) an isolated **antibody** (II) that selectively binds to (I) comprising the amino acid sequence of (S2) or (S5), its allelic variant or ortholog, or fragment; (2) an isolated nucleic acid molecule (III) consisting or comprising of a nucleotide sequence that encodes (I) or a nucleotide sequence that is a complement of the nucleotide sequence encoding (I), where the allelic variant of (III) encoding a human **kinase** peptide shares at least 80% homology with (S1) or (S3); (3) a gene chip comprising (III) that comprises a nucleotide sequence encoding (I), or its complement; (4) a transgenic non-human animal comprising (III) that

comprises a nucleotide sequence encoding (I), or its complement; (5) a nucleic acid vector (IV) comprising (III) that comprises a nucleotide sequence encoding (I), or its complement; (6) a host cell comprising (IV); (7) preparation of (I); (8) detecting the presence of (I) in a sample involves contacting the sample with a detection agent that specifically allows detection of the presence of the peptide in the sample; (9) detecting the presence of (III) in a sample involves contacting the sample with an oligonucleotide that hybridizes to the nucleic acid molecule under stringent conditions and determining whether an oligonucleotide binds to the nucleic acid molecule in the sample; and (10) a pharmaceutical composition (V) comprising an agent that binds to (I), and was identified using (I) (comprising a sequence of (S2) or (S5), its allelic variant or ortholog or fragment), and a carrier.

WIDER DISCLOSURE - Disclosed are: (a) chimeric or fusion proteins comprising (I); (b) agents identified using screening methods involving (I); (c) non-coding fragments of a nucleic acid molecule having a sequence of (S1) or (S3); (d) a kit comprising (II) for detecting (I) comprising an amino acid sequence of (S2) or (S5), its allelic variant or ortholog or fragment; (e) kits for detecting the presence of **kinase** nucleic acid in a biological sample; (f) analogs or derivatives of (I); and (g) compartmentalized kits comprising necessary reagents for carrying out the above mentioned assays.

BIOTECHNOLOGY - Preparation: (I) is prepared by standard **recombinant** techniques (claimed). Preferred Molecules: The allelic variants of (I) and (III) preferably share 90% homology with (S2) or (S5), and (S1) or (S3), respectively.

ACTIVITY - None given.

MECHANISM OF ACTION - Gene therapy; (I) **expression** or activity modulator. No suitable data given.

USE - (I) comprising an amino acid sequence of (S2) or (S5), its allelic variant or ortholog or fragment, is useful for identifying a modulator of a human **kinase** protein; preferably, the agent is administered to a host cell comprising an **expression** vector that **expresses** the peptide. The method optionally involves contacting a cell **expressing** the peptide with an agent and determining if the agent has modulated the **expression** of the peptide. (I) comprising an amino acid sequence of (S2) or (S5), its allelic variant or ortholog or fragment is also useful for identifying an agent that binds to it. (V) is useful for treating a disease or condition mediated by human **kinase** protein (all claimed). (I) and (III) can be used as models for the development of human therapeutic targets, aid in the identification of therapeutic proteins and serve as targets for the development of human therapeutic agents that modulate **kinase** activity in cells and tissue that **express** the **kinase**. (I) and (III) can be used as a query sequence to perform a search against sequence databases to, identify other family members or related sequences. (I) is used to raise **antibodies** or to elicit another immune response, as a reagent in assays designed to quantitatively determine levels of the protein in biological fluids, and as markers for tissues in which the corresponding protein is preferentially **expressed**. The **kinases** isolated from humans and their human/mammalian orthologs serve as targets for identifying agents for use in mammalian therapeutic applications, and biological assays related to **kinases** that are related to members of the **serine/threonine kinase** subfamily. The proteins can also be used in screening assays to screen a compound for its ability to stimulate or inhibit interaction between **kinase** protein and a molecule that normally interacts with the **kinase** protein. The proteins also provide a target for diagnosing a disease or predisposition to disease mediated by the peptide, and in pharmacogenomic analysis. The peptides are also useful for treating a disorder characterized by absence of, inappropriate or unwanted **expression** of the protein. (II) is useful for isolating (I), purifying (I), and to assess **expression** of (I) in active stages of a disease, or in an individual with a predisposition towards disease related to the protein's function. The **antibodies** are also useful for assessing normal and aberrant subcellular localization of cells in various tissues in an organism, in pharmacogenomic analysis, for

tissue typing and for inhibiting protein function. (III) is useful as probes, primers, chemical intermediates and in biological assays. The nucleic acid molecules are useful for constructing **recombinant** vectors, host cells and transgenic animals, and for designing ribozymes. The nucleic acids are also useful in drug screening assays and as a target for treatment by the compounds identified through drug screening. The nucleic acid molecules are also useful for monitoring effectiveness of modulating compounds on the **expression** or activity of the **kinase** gene in clinical trials or in a treatment regimen, and for testing an individual for a genotype that while not necessarily causing the disease nevertheless affects the treatment modality. The nucleic acid molecules are also useful in diagnostic assays for qualitative changes in **kinase** nucleic acid **expression** and particularly in qualitative changes that lead to pathology. The nucleic acid molecules can be used to detect mutations in **kinase** genes and gene **expression** products such as mRNA. Detection of a mutated form of the **kinase** gene associated with a dysfunction provides a diagnostic tool for active disease or susceptibility to disease which results from overexpression, underexpression or altered **expression** of the **kinase** protein. (III) also provides vectors for gene therapy in patients with aberrant **kinase** gene **expression**.

ADMINISTRATION - No details given.

EXAMPLE - None given. (65 pages)

L22 ANSWER 5 OF 6 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN

ACCESSION NUMBER: 2002-19955 BIOTECHDS

TITLE: An isolated LIM domain **kinase** polypeptide useful as a model for developing human therapeutic targets, to aid in identification of therapeutics and to serve as targets for developing **kinase** activity modulators in cells; **recombinant** enzyme protein production for use in disease therapy and diagnosis

AUTHOR: **YAN C**; KETCHUM K A; DI FRANCESCO V; **BEASLEY E M**

PATENT ASSIGNEE: PE CORP NY

PATENT INFO: US 6403353 11 Jun 2002

APPLICATION INFO: US 2001-978197 22 Mar 2001

PRIORITY INFO: US 2001-978197 17 Oct 2001

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: WPI: 2002-536038 [57]

AB DERWENT ABSTRACT:

NOVELTY - An isolated LIM domain **kinase** (LIMK) polypeptide (I) having a fully defined sequence of 255 amino acids as given in specification, is new.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a composition comprising (I) and a carrier.

BIOTECHNOLOGY - Preparation: (I) is prepared by standard **recombinant** techniques.

ACTIVITY - None given.

MECHANISM OF ACTION - None given.

USE - (I) can be used as a model for the development of human therapeutic targets, aid in the identification of therapeutic proteins and serve as targets for the development of human therapeutic agents that modulate **kinase** activity in cells and tissue that **express** the **kinase**. (I) can be used as a query sequence to perform a search against sequence databases to, identify other family members or related sequences. (I) is used to raise **antibodies** or to elicit another immune response, as a reagent in assays designed to quantitatively determine levels of the protein in biological fluids, and as markers for tissues in which the corresponding protein is preferentially **expressed**. The **kinase** proteins isolated from humans and their human/mammalian orthologs serve as targets for identifying agents for use in mammalian therapeutic applications, and biological assays related to **kinase** proteins that are related to members of the **serine/threonine** subfamily. The proteins can also be used in screening assays to screen a compound for

its ability to stimulate or inhibit interaction between **kinase** protein and a molecule that normally interacts with the **kinase** protein. The proteins also provide a target for diagnosing a disease or predisposition to disease mediated by the peptide, and in pharmacogenomic analysis. The peptides are also useful for treating a disorder characterized by absence of, inappropriate or unwanted **expression** of the protein. The proteins are useful in drug screening assays; end point assays to identify compounds that modulate **kinase** activity; in competition binding assays in methods designed to discover compounds that interact with the **kinase**; as a target for diagnosing active protein activity, disease or predisposition to disease in a patient with the variant peptide, particularly activities and conditions that are known for other members of the **serine/threonine kinase** subfamily proteins.

ADMINISTRATION - No details given.

EXAMPLE - No preparative example given. (82 pages)

L22 ANSWER 6 OF 6 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2002:941845 HCAPLUS

DOCUMENT NUMBER: 138:21334

TITLE: Protein, gene and cDNA sequences of a novel human protein **kinase** related to **serine/threonine kinase** and their uses in drug screening

INVENTOR(S): Yan, Chunhua; Li, Zhenya; **Neelam, Beena; Difrancesco, Valentina**; Beasley, Ellen M.

PATENT ASSIGNEE(S): PE Corporation (Ny), USA

SOURCE: U.S., 107 pp.
CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6492156	B1	20021210	US 2001-984890	20011031
US 2003232408	A1	20031218	US 2002-274194	20021021
US 6706511	B2	20040316		
WO 2003038115	A2	20030508	WO 2002-US34869	20021031
WO 2003038115	A3	20040122		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1451310	A2	20040901	EP 2002-793863	20021031
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
US 2004137499	A1	20040715	US 2004-760407	20040121
PRIORITY APPLN. INFO.:			US 2001-984890	A3 20011031
			US 2002-274194	A3 20021021
			WO 2002-US34869	W 20021031

AB The invention provides protein, cDNA and genomic sequences for a novel human protein **kinase** related to **serine/threonine kinase**. Specifically, a virtual northern blot shows **serine/threonine kinase** gene **expression** in brain (neuroblastoma), lung (small cell carcinoma), muscle (rhabdomyosarcoma), lymph (Burkitt lymphoma), ovary tumor, placenta (normal and choriocarcinoma), colon (normal, adenocarcinoma, and colon tumor), kidney (renal cell adenocarcinoma), breast, cervix (carcinoma), uterus tumor, pancreas (pancreatic islet), a pooled colon/kidney/stomach sample, and a pooled pancreas/spleen sample. Twenty eight single

nucleotide polymorphism has been found on **serine/threonine kinase** gene that has been mapped to chromosome 11. The invention also relates to screening modulator of **serine/threonine kinase** and their uses in therapy. The invention further relates to methods, vector and hosts for **expression of serine/threonine kinase**

REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d his

(FILE 'HOME' ENTERED AT 14:05:42 ON 11 MAR 2005)

FILE 'MEDLINE, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH, HCAPLUS, NTIS, LIFESCI' ENTERED AT 14:06:16 ON 11 MAR 2005

L1 429546 S SERINE OR THREONINE
L2 1294681 S KINASE?
L3 106768 S L1 AND L2
L4 6967563 S CLON? OR EXPRESS? OR RECOMBINANT
L5 54756 S L3 AND L4
L6 2953627 S ANTIBOD? OR "FAB" OR "FV" OR "F(AB')₂"
L7 6159 S L5 AND L6
L8 1933770 S NEUROBLASTOMA OR CARCINOMA OR RHABDOMYOSARCOMA OR LYMPHOMA OR
L9 515 S L7 AND L8
L10 443 S HUMAN AND L9
L11 126 S L10 AND (BRAIN OR CERVIX OR PANCREAS OR COLON OR KIDNEY)
L12 104 DUP REM L11 (22 DUPLICATES REMOVED)
E YAN C/AU
L13 1108 S E3
E LI Z/AU
L14 9066 S E3
E NEELAM B/AU
L15 67 S E3-E5
E DIFRANCESCO V/AU
L16 117 S E3-E4
E BEASLEY E M/AU
L17 322 S E3
L18 10533 S L13 OR L14 OR L15 OR L16 OR L17
L19 3 S L10 AND L18
L20 3 DUP REM L19 (0 DUPLICATES REMOVED)
L21 7 S L18 AND L7
L22 6 DUP REM L21 (1 DUPLICATE REMOVED)

37. (previously presented) The antibody of claim 33, wherein the antibody is coupled to a detectable substance.
38. (previously presented) A composition comprising the antibody of claim 3 and a pharmaceutically acceptable carrier.
39. (previously presented) A composition comprising the antibody of claim 31 and a pharmaceutically acceptable carrier.
40. (previously presented) A composition comprising the antibody of claim 32 and a pharmaceutically acceptable carrier.
41. (previously presented) A composition comprising the antibody of claim 33 and a pharmaceutically acceptable carrier.
42. (previously presented) An isolated antibody fragment that selectively binds to a polypeptide, wherein the amino acid sequence of said polypeptide consists of SEQ ID NO:2, and wherein the antibody fragment comprises a fragment selected from the group consisting of:
- a) an Fab fragment;
 - b) an F(ab')₂ fragment; and
 - c) an Fv fragment.
43. (previously presented) An isolated antibody fragment that selectively binds to a polypeptide, wherein the amino acid sequence of said polypeptide comprises SEQ ID NO:2, and wherein the antibody fragment comprises a fragment selected from the group consisting of:
- a) an Fab fragment;
 - b) an F(ab')₂ fragment; and
 - c) an Fv fragment.

	L #	Hits	Search Text
1	L1	57356	kinase\$2
2	L2	58717	serine or threonine
3	L3	8039	l1 same l2
4	L4	14114 7	antibod\$3 or "Fab" or "Fv" or "F(ab')2"
5	L5	851	l3 same l4
6	L6	47998	neuroblastoma or carcinoma or rhabdomyosarcoma or lymphoma
7	L7	71276 7	clon\$3 or express\$3 or recombinant
8	L8	348	l5 same l7
9	L9	348	l7 same l8
10	L10	2076	l1 adj3 l2
11	L11	120	l9 and l10
12	L12	11172 8	NEELAM YAN DIFRANCESCO BEASLEY LI
13	L13	37	l11 and l12

	Issue Date	Pages	Document ID	Title
1	20050310	14	US 20050054017 A1	Phosphospecific PAK antibodies and diagnostic kits
2	20050310	81	US 20050053938 A1	Regulation of human serine/threonine protein kinase
3	20050303	232	US 20050048490 A1	Proteins associated with cell growth, differentiation, and death
4	20050203	21	US 20050026233 A1	Methods of monitoring and modulating LKB1 activity and its downstream targets
5	20050120	96	US 20050014821 A1	Compounds and methods for treating neurodegenerative disorders
6	20050120	63	US 20050014264 A1	Method of introducing siRNA into adipocytes
7	20050106	114	US 20050003450 A1	Immunoaffinity isolation of modified peptides from complex mixtures
8	20041028	30	US 20040214928 A1	Heteroaryl compounds useful as inhibitors of protein kinases
9	20041028	369	US 20040214817 A1	Diaminotriazoles useful as inhibitors of protein kinases
10	20040930	123	US 20040191291 A1	Composition and method for nerve regeneration
11	20040930	209	US 20040191240 A1	Composition and method for nerve regeneration
12	20040923	36	US 20040185460 A1	Novel mixed lineage kinase (7) (mlk7) polypeptide polynucleotides encoding the same and methods of use thereof

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13	20040902	60	US 20040170995 A1	Isolated nucleic acid molecules encoding a novel human signal transducing kinase-mapkap-2; encoded proteins, cells transformed therewith and uses thereof
14	20040812	76	US 20040156826 A1	Treatment of patients with multiple sclerosis based on gene expression changes in central nervous system tissues
15	20040722	126	US 20040142864 A1	Crystal structure of PIM-1 kinase
16	20040715	67	US 20040137593 A1	Regulation of human serine/threonine protein kinase-like protein
17	20040624	206	US 20040122016 A1	Compositions useful as inhibitors of rock and other protein kinases
18	20040624	97	US 20040121434 A1	Method and product for regulating apoptosis
19	20040624	217	US 20040121349 A1	Novel 27877, 18080, 14081, 32140, 50352, 16658, 14223, 16002, 50566, 65552 and 65577 molecules and uses therefor
20	20040527	35	US 20040101529 A1	REGULATION OF HUMAN SERINE-THREONINE PROTEIN KINASE
21	20040513	225	US 20040092535 A1	Benzimidazole quinolinones and uses thereof
22	20040513	207	US 20040091993 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof

23	20040513	54	US 20040091907 A1	GEF-H1b: biomarkers, complexes assays and therapeutic uses thereof
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24	20040506	36	US 20040087784 A1	Neuronal serine-threonine protein kinase
25	20040415	35	US 20040072772 A1	Novel cell signaling polypeptides and nucleic acids
26	20040415	337	US 20040072160 A1	Molecular toxicology modeling
27	20040401	9	US 20040063914 A1	Antibodies against phosphorylated VASP (vasodilator-stimulated phosphoprotein), hybridoma cells for their preparation, and their use
28	20040304	66	US 20040043375 A1	Regulation of human serine-threonine protein kinase
29	20040212	277	US 20040029216 A1	Proteins, polynucleotides encoding them and methods of using the same
30	20040212	23	US 20040029157 A1	Cell cycle control protein
31	20040205	165	US 20040024181 A1	Novel human proteins, polynucleotides encoding them and methods of using the same
32	20040122	62	US 20040014658 A1	Active variants of FGF with improved specificity
33	20040108	310	US 20040005576 A1	Proteins and nucleic acids encoding same
34	20031211	46	US 20030229035 A1	Method of restoring ciliated cell motility
35	20031127	103	US 20030220224 A1	Novel polynucleotides encoding the human citron kinase polypeptide, BMSNKC_0020/0021

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36	20031120	155	US 20030216410 A1	Combination therapy for the treatment of cancer
37	20031106	153	US 20030207883 A1	Indazole benzimidazole compounds
38	20031030	16	US 20030201208 A1	Dynamic superparamagnetic markers
39	20031023	179	US 20030198953 A1	Novel proteins and nucleic acids encoding same
40	20030925	520	US 20030180930 A1	Novel human protein kinase, phosphatase, and protease family members and uses thereof
41	20030814	278	US 20030154032 A1	Methods and compositions for diagnosing and treating rheumatoid arthritis
42	20030724	79	US 20030138826 A1	Compositions, methods, and kits relating to resistin-like molecules
43	20030529	38	US 20030099627 A1	Method for determining modulation of p110delta activity
44	20030424	77	US 20030077697 A1	Novel serine/threonine protein-kinase like proteins and nucleic acids encoding the same
45	20030327	54	US 20030059918 A1	Regulation of human serine/threonine protein kinase
46	20030306	70	US 20030044848 A1	Immunoaffinity isolation of modified peptides from complex mixtures
47	20030220	73	US 20030036183 A1	Serine threonine kinase member, h2520-40
48	20030206	41	US 20030027756 A1	SAK: modulation of cellular proliferation for treatment of cancer

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49	20030130	207	US 20030022340 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
50	20030130	41	US 20030022232 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
51	20030102	20	US 20030003559 A1	Cell volume-regulated human kinase h-sgk
52	20021219	62	US 20020192204 A1	15985, a novel human serine/threonine protein kinase family member and uses thereof
53	20021128	51	US 20020177166 A1	Binding motif of a receptor
54	20021017	45	US 20020150916 A1	43716, a novel human G-protein and uses thereof
55	20021017	22	US 20020150566 A1	Method of inhibiting cancerous cell proliferation using Ras mutants of GDP-bound conformation
56	20021003	79	US 20020142325 A1	PAK 2: modulators of lymphocyte activation
57	20020919	184	US 20020132322 A1	ISOLATED HUMAN KINASE PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES THEREOF
58	20020912	48	US 20020127568 A1	47324, a novel human G-protein and uses therefor
59	20020822	40	US 20020115090 A1	Expression analysis of KIAA nucleic acids and polypeptides useful in the diagnosis and treatment of prostate cancer

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60	20020704	57	US 20020086296 A1	26583, a novel serine/threonine phosphatase and uses therefor
61	20020620	52	US 20020076783 A1	Plants and plants cells expressing histidine tagged intimin
62	20020606	76	US 20020068696 A1	Trade molecules and uses related thereto
63	20020509	97	US 20020055130 A1	Method and product for regulating apoptosis
64	20020425	41	US 20020049301 A1	Short peptides which selectively modulate the activity of serine/threonine kinases
65	20020418	46	US 20020045564 A1	Methods of modulating muscle contraction
66	20020321	76	US 20020034807 A1	38692 and 21117, novel dual specificity phosphatase molecules and uses therefor
67	20050215	20	US 6855520 B2	Cell volume-regulated human kinase h-sgk
68	20050201	37	US 6849420 B2	Method for determining modulation of p110.delta. activity
69	20041221	34	US 6833436 B2	Short peptides which selectively modulate the activity of serine/threonine kinases
70	20040706	22	US 6759212 B1	Cell cycle-regulating proteins
71	20040302	13	US 6699666 B1	Method for the diagnosis of cell proliferative disease
72	20040120	202	US 6680188 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof

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73	20031216	69	US 6664089 B2	38692 and 21117, novel dual specificity phosphatase molecules and uses therefor
74	20031118	9	US 6649421 B1	Antibodies against phosphorylated VASP (vasodilator-stimulated phosphoprotein), hybridoma cells for their preparation, and their use
75	20030128	31	US 6511825 B1	Cell signaling polypeptides and nucleic acids
76	20021119	46	US 6482935 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
77	20021119	35	US 6482623 B1	Lipid kinase
78	20021112	202	US 6479269 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
79	20020820	21	US 6436656 B1	Method for screening a test compound for potential as an immunosuppressive drug candidate
80	20020507	23	US 6383734 B1	Method to determine inhibition of PAK3 activation of Raf-1
81	20011225	125	US 6333170 B1	Method and product for regulating cell responsiveness to external signals
82	20011204	19	US 6326181 B1	Cell volume-regulated human kinase h-sgk
83	20011016	63	US 6303358 B1	ERK3 MAP2 protein kinase
84	20011009	30	US 6300098 B1	Human signal transduction serine/threonine kinase
85	20011002	64	US 6297035 B1	ERK1 MAP2 protein kinase

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86	20010821	64	US 6277963 B1	Antibodies directed toward extracellular signal-related kinases
87	20010619	44	US 6248549 B1	Methods of modulating muscle contraction
88	20010116	21	US 6174993 B1	Short peptides which selectively modulate the activity of serine/threonine kinases
89	20001212	111	US 6160106 A	Tumor suppressor genes, proteins encoded thereby and use of said genes and proteins
90	20001205	42	US 6156523 A	Serine/threonine protein kinases
91	20001024	74	US 6136581 A	Kinase genes and uses
92	20000725	29	US 6093560 A	Nucleic acid molecule encoding Ste20 oxidant stress response kinase-1 (SOK-1) polypeptide
93	20000613	92	US 6074861 A	MEKK proteins
94	20000509	70	US 6060296 A	Protein kinases
95	20000411	43	US 6048706 A	Human PAK65
96	20000321	84	US 6040149 A	Assay for identifying agents which act on the ceramide-activated protein kinase, kinase suppressor of ras, and methods of using said agents
97	20000307	30	US 6034228 A	Human signal transduction serine/threonine kinase

98	20000307	75	US 6034212 A	SH3 kinase domain associated protein, a signalling domain therein, nucleic acids encoding the protein and the domain, and diagnostic and therapeutic uses thereof
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99	20000208	59	US 6022740 A	SH3 kinase domain associated protein, a signalling domain therein, nucleic acids encoding the protein and the domain, and diagnostic and therapeutic uses thereof
100	20000111	43	US 6013464 A	Human PAK65
101	19991221	69	US 6004757 A	Substrate specificity of a protein kinases
102	19991116	40	US 5985635 A	Nucleic acids encoding novel human serine/threonine protein kinases
103	19991109	95	US 5981265 A	Methods for regulating MEKK protein activity
104	19991005	51	US 5962265 A	Human signal transduction serine/threonine kinase
105	19990622	54	US 5914261 A	Family of MAP2 protein kinases
106	19990216	64	US 5872006 A	Family of MAP2 protein kinases
107	19990209	26	US 5869308 A	Detection method for C-RAF-1 genes
108	19981103	26	US 5830699 A	SOK-1 and methods of use
109	19980707	53	US 5776751 A	Family of MAP2 protein kinases
110	19980526	64	US 5756289 A	Protein kinases
111	19971216	42	US 5698445 A	Human PAK65
112	19971216	42	US 5698428 A	Human PAK65
113	19971111	64	US 5686412 A	Protein kinases
114	19970506	48	US 5627064 A	Protein kinases
115	19970408	27	US 5618670 A	Detection method for c-raf-1 genes
116	19970225	43	US 5605825 A	Human PAK65

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117	19970204	28	US 5599681 A	Activation-state-specific phosphoprotein immunodetection
118	19970121	62	US 5595904 A	Family of map2 protein kinases
119	19960702	61	US 5532167 A	Substrate specificity of protein kinases
120	19960521	43	US 5518911 A	Human PAK65

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1	20050310	81	US 20050053938 A1	Regulation of human serine/threonine protein kinase
2	20050303	232	US 20050048490 A1	Proteins associated with cell growth, differentiation, and death
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6	20040624	97	US 20040121434 A1	Method and product for regulating apoptosis
7	20040513	207	US 20040091993 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
8	20040212	277	US 20040029216 A1	Proteins, polynucleotides encoding them and methods of using the same
9	20040205	165	US 20040024181 A1	Novel human proteins, polynucleotides encoding them and methods of using the same
10	20040108	310	US 20040005576 A1	Proteins and nucleic acids encoding same
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12	20030814	278	US 20030154032 A1	Methods and compositions for diagnosing and treating rheumatoid arthritis

13	20030724	79	US 20030138826 A1	Compositions, methods, and kits relating to resistin-like molecules
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14	20030529	38	US 20030099627 A1	Method for determining modulation of p110delta activity
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16	20030130	207	US 20030022340 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
17	20030130	41	US 20030022232 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
18	20021003	79	US 20020142325 A1	PAK 2: modulators of lymphocyte activation
19	20020919	184	US 20020132322 A1	ISOLATED HUMAN KINASE PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES THEREOF
20	20020822	40	US 20020115090 A1	Expression analysis of KIAA nucleic acids and polypeptides useful in the diagnosis and treatment of prostate cancer
21	20020620	52	US 20020076783 A1	Plants and plants cells expressing histidine tagged intimin
22	20020606	76	US 20020068696 A1	Trade molecules and uses related thereto
23	20020509	97	US 20020055130 A1	Method and product for regulating apoptosis
24	20020425	41	US 20020049301 A1	Short peptides which selectively modulate the activity of serine/threonine kinases

25	20050201	37	US 6849420 B2	Method for determining modulation of p110.delta. activity
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26	20041221	34	US 6833436 B2	Short peptides which selectively modulate the activity of serine/threonine kinases
27	20040120	202	US 6680188 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
28	20021119	46	US 6482935 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
29	20021119	35	US 6482623 B1	Lipid kinase
30	20021112	202	US 6479269 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
31	20011225	125	US 6333170 B1	Method and product for regulating cell responsiveness to external signals
32	20010116	21	US 6174993 B1	Short peptides which selectively modulate the activity of serine/threonine kinases
33	20001024	74	US 6136581 A	Kinase genes and uses
34	20000321	84	US 6040149 A	Assay for identifying agents which act on the ceramide-activated protein kinase, kinase suppressor of ras, and methods of using said agents

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35	20000307	75	US 6034212 A	SH3 kinase domain associated protein, a signalling domain therein, nucleic acids encoding the protein and the domain, and diagnostic and therapeutic uses thereof
36	20000208	59	US 6022740 A	SH3 kinase domain associated protein, a signalling domain therein, nucleic acids encoding the protein and the domain, and diagnostic and therapeutic uses thereof
37	19991109	95	US 5981265 A	Methods for regulating MEKK protein activity